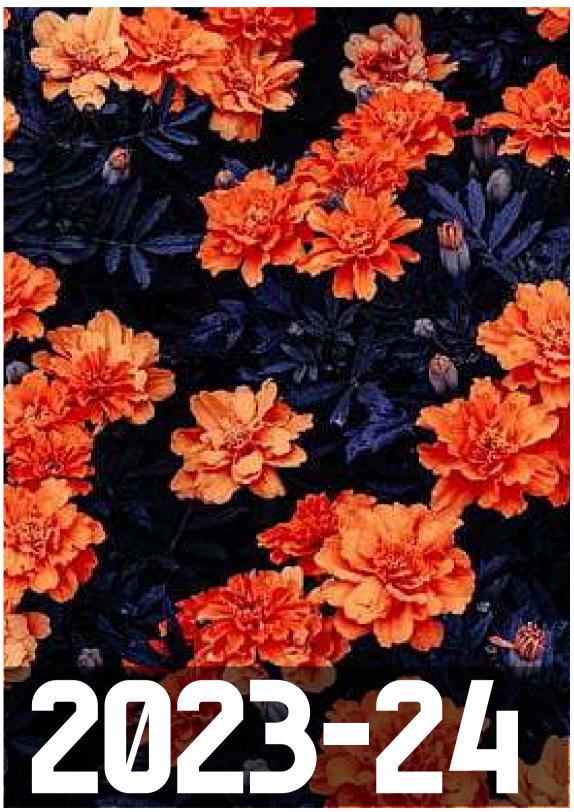
### INSTITUTE OF ENGINEERING & MANAGEMENT, KOLKATA



The Annual Magazine of Institute of Engineering & Management, Kolkata



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# EM CREATIONS | 2023-24

## MESSAGE FROM THE ADMINISTRATION

#### FROM THE PRESIDENT

Greetings to all readers! In this ever-evolving world ,where many experiences and relationships often fade as we move on to new milestones and achievements, I want to take a moment to thank everyone who has been a part of this long journey.



Prof.Dr. Satyajit Chakrabarti



Prof.Dr. Satyajit Chakrabarti

#### FROM THE DIRECTOR

The foundation of this institute was laid in 1989 in the IT hub of Kolkata's Sector V. Salt Lake. Since then, our students and staff have worked demonstrating hard work, sincerity, and creativity, which has established us as the leading private engineering college in West Bengal today. Building on the success of IEM Kolkata, we expanded our endeavors to include UEM Jaipur and UEM Kolkata. I am proud that the IEM Magazine committee has undertaken the initiative to showcase the innovative ingenuity of our students and alumni. I hope their efforts are appreciated as they reveal the oftenhidden talents of some of the brightest minds in the country. Happy reading!



We have dedicated many years to shaping young minds, and the journey has been incredibly memorable. Our students and staff have consistently done commendable work, helping our institute's banner soar high through their excellence in various fields. Time passes in the blink of an eye, so my advice to readers is to seize it before it slips away. Make the most of your college life, revive your dormant hobbies, ignite your passions, and go out and set an example for the world.

—Prof. Dr. Biswajoy Chatterjee (Vice-Chancellor UEM Jaipur)

I am delighted to see our students taking the initiative to make productive use of their time and expressing a wide range of emotions. I wish the IEM Creations 2023-24 team all the best in their journey ahead.

– Prof. Dr. Sajal Dasgupta(Vice-Chancellor UEM Kolkata)



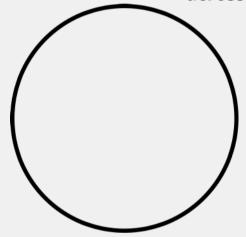


"The pen is mightier than the sword" remains true even in our technologically advanced world. It is a great source of pride that this magazine has provided a platform for students to showcase their talents, express their opinions, and display their creative flair over the years. Today, education often seems reduced to merely obtaining a degree for a job. At our institute, we strive to preserve the true essence of education by emphasizing extracurricular activities essential for the holistic development of individuals. The achievements of our students over the past year have been commendable, and I am grateful to all the professors and non-technical staff for their contributions. My best wishes are always with the entire team..

– Prof. Dr. Sundeep Singh Sondhi(Principal Ashram Campus)



At IEM, we have always encouraged our young minds to open their hearts to society, fostering the creation of new ideas. This spirit is beautifully reflected in the evolution of our annual college magazine, Creations. It is a matter of great pride that students from all departments and years have wholeheartedly participated in making this edition a success. For me, the college magazine brings a wave of nostalgia, taking me back to my own college days. It is a time to reflect on all that has been achieved, and I am grateful to both students and teachers for making IEM proud across all fields of society.



— Prof. Dr. Arun Kumar Bar (Principal Gurukul Campus)

### **FACULTY HEAD**



The world has just emerged from the grips of a terrible pandemic, where life as we knew it had nearly come to a standstill. During such times, when boredom peaked, life slowed down, and creativity hit an all-time low, the idea to revive this magazine came to me. Its primary goal was to reignite the passion within students from all streams in our institution. Bringing the students back and helping them adjust to the new normal wasn't difficult: their enthusiasm and eagerness to fully experience college life made my job easier. They were energetic and ready to embrace life with a fresh perspective. Working with them in person after two years meant everything to me. Organizing events and forming lasting teacherstudent bonds were aspects I deeply missed. Everyone played a part in this process. Their creative ventures, achievements, and the events they organized throughout the year have been chronicled in this magazine.

As teachers, our biggest challenge is getting attached to the different groups of students we work with. When they move on with their lives, they leave behind voids that are hard to fill. Nevertheless, the entire Creation 2023-24 team has done an incredible job navigating the vast sea of creativity to produce the best catalogue possible. I believe that avid readers read to enrich their "mind library."

Season's greetings and warm wishes for a wonderful year ahead. May the coming year bring peace within and peace in the world. Keep smiling and keep spreading happiness.

Prof. Dr. Sanghamitra Poddar
 Dean of Student Affairs & Alumni Relations

# IEM CREATIONS 2023-24

#### **MAGAZINE HEAD**



#### "The creative adult is the child who survives.."

Obstacles and challenges throughout life are inevitable. However, when we make creativity a habit, we continue to learn, outgrow ourselves. Creativity is a reminder that we are capable of doing humongous beautiful things. Creativity involves transforming your ideas, imagination, and dreams into reality. When you're being creative, see the hidden patterns. can connections between things that aren't normally related, and come up with new ideas. Creative ability depends on creative thinking, which is part of hard work but largely creative problem- solving. People say don't do different things, instead do things differently. We were different when, back in 2020 COVID happened. That was the time when we hearted our minds and hearts and indulged ourselves into the minds of creativeness. Our minds and imaginations struck their best ability and we found the best and strongest version of ourselves. Our minds and imaginations were never stopped from being born, of which a glimpse has been shown in our magazine, Creations 2022-23.

#### "You're only given a little spark of madness. You mustn't lose it." – Robin Williams

IEM Creations have been created from the imaginations and powers of people who possess the power to meet reality. After several struggles, phone calls, virtual meets, the persistency of our team. The beautifully emerged CREATIONS team is a pride we take in and, with immense joy and happiness, we hope that it will bring a smile on the readers' faces as it did for us while making it.

~Biswajit Das President Magazine Club, 2023-24

### **MAGAZINE TEAM**



~Biswajit Das
President Magazine Club

~Anushka Maji
Vice President Magazine Club





~Aindrila Kundu
Editor in Chief Magazine Club

### **GRAPHICS TEAM**



**Abhishek Saha** 



Prasun Banerjee



Kingshuk Ghosh



Debanjan Nag



Aindrila Kundu



Rupsha Ghoshal



**Debotri Chowdhury** 



**Pratham Roy** 



**Deboshmita Dey** 

### **CONTENT TEAM**



Kaushitaki Ghosh



**Patatri Acharya** 



Aindrila Kundu



**Anu Pandit** 



**Arunima Nandi** 

The few companies came this year are:



**PLACED-1** 







**PLACED-2** 



**PLACED-1** 



**PLACED-8** 



PLACED-47















PLACED-10

PLACED-226





**PLACED-1** 



**PLACED-7** 



**PLACED-3** 



**PLACED-6** 



**PLACED-2** 



**PLACED-1** 





PLACED-3





PLACED-16



Business-friendly Solutions

PLACED-30



**PLACED-3** 



**PLACED-6** 



nevaeh Building Partnerships, Creating Value

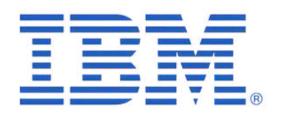
**PLACED-3** 











**PLACED-44** 





PLACED-26



PLACED-8



PLACED-24



**PLACED-1** 

And the list continues...



Times Business Award (2021)



International Lions Club contribution award in Education and Entrepreneurship



Winners of SMART INDIA HACKATHON (SIH) 2022



IEM ranked 29th in India and 5th in Eastern India

IEM has been ranked 'A' Category by NAAC (National Assessment and Accreditation Council) IEM has won the title of the "Jewel of the East" by Telegraph IEM has won the title of "Picture Perfect" by ABP Group IEM has achieved the best institute in India in Star News Award The educational group has one of the strongest Placement Cells in the country. Right from its inception, IEM has provided for 1 to 2 jobs on average for all its students. IEM received the Top Engineering College award 2022 by the Economic Times group, from the US Consul General Melinda Pavek. On behalf of IEM Prof. Gopa Goswami has received the award



Education Eminence award-Best placement in Engineering 2022



Education excellence award by Zee



ET inspiring leaders East 2022



**GHRDC** ranking for BCA department



Harbinger of Educational Transformation at BrandEdge conference



SmartIndia Hackathon



IEEE AlloT award 2022



Lions club International award





IEM-UEM GROUP WAS RECOGNIZED AS
THE MOST TRUSTED LEADER IN
ENGINEERING AND MANAGEMENT
EDUCATION BY TV18 IN THE LEADERSHIP
CONCLAVE 2023 ON 13TH JANUARY, 2023.

BEST ENGINEERING COLLEGES OF WEST BENGAL	RANK
Institute Of Engineering & Management (IEM), Kolkata	1
JIS College Of Engineering, Kalyani	2
University of Engineering & Management (UEM), Kolkata	2
Academy of Technology (AOT), Adisaptagram, Hooghly	3
Narula Institute Of Technology, Kolkata	4
Dr BC Roy Engineering College, Durgapur	4
Budge Budge Institute of Technology, Kolkata	5
Guru Nanak Institute of Technology, Kolkata	6
Asansol Engineering College, Kanyapur	7
Swami Vivekananda Institute of Science & Technology, Kolkata	8
MCKV Institute of Engineering, Howrah	9
Dr Sudhir Chandra Sur Institute of Technology and Sports Complex, Kolkata	10

### RECOGNITION & RANKING OF IEM-UEM GROUP

BEST INSTITUTES FOR BBA, WEST BENGAL	RANK
Institute Of Engineering & Management (IEM) , Kolkata	1
JIS College of Engineering, Kalyani	2
Shri Shikshayatan College, Kolkata	2
University of Engineering & Management (UEM), Kolkata	3
Kingston School of Management and Science, Kolkata	3
Subhas Bose Institute of Hotel Management (SBIHM), Kolkata	4
JD Birla Institute, Kolkata	6
NSHM Knowledge Campus, Durgapur	5
Swami Vivekananda Institute of Modern Science, Kolkata	7
NSHM Knowledge Campus, Kolkata	8
Annex College, Kolkata	9
IIAS School of Management, Siliguri	10

In the recent NIRF rankings, IEM received a national rank of 168.



Sneha Mukhopadhyay has achieved a remarkable milestone by securing the prestigious Erasmus Mundus Scholarship to pursue the "MI EMIMEP: European Master for Industry in Microwave Electronics & Photonics" in France. This full scholarship, granted by the European Commission as part of a Master study program of Excellence, is a testament to her dedication and hard work. She is now set to begin her academic journey at the University of Limoges, France, where she will delve into advanced studies in a field that will shape her future. Her story is one of inspiration and determination, marking the beginning of an exciting new chapter in her life.





#### Innovation at its Best: Mayukh Majumder from CSE'25 and Ayush Bera from EE'25

Among Top 6 at IIT Bhubaneswar's Innovation, Design and Entrepreneurship Bootcamp In a testament to their creativity and entrepreneurial spirit, Mayukh Majumder and Ayush Bera have made waves at the Innovation Design and Entrepreneurship Bootcamp hosted by IIT Bhubaneswar. Competing against the brightest minds from across East India, the dynamic duo secured a spot among the top 3 teams, standing out for their innovative approach and problem-solving prowess.

The bootcamp, known for its intense focus on ideation, design thinking, and entrepreneurship, challenged participants to develop solutions that could drive meaningful change. Over the course of the event, Mayukh and Ayush worked closely together, leveraging their diverse skill sets to tackle complex problems and design practical, impactful solutions.

Their journey through the bootcamp was marked by rigorous workshops and collaborative sessions, where they not only showcased their technical expertise but also their ability to think critically under pressure. Their innovative project, which caught the attention of judges and peers alike, exemplified their commitment to making a positive difference through technology and entrepreneurship.

For Mayukh and Ayush, being recognized among the top 3 teams is more than just an accolade—it's a reflection of their passion for innovation and their potential to lead future ventures. This achievement has further fueled their drive to continue exploring the intersection of technology and business, with an eye toward creating solutions that address real-world challenges.

Their success at IIT Bhubaneswar is a proud moment, not just for them, but for all those who support and believe in the power of young innovators. As they move forward, Mayukh and Ayush are more determined than ever to turn their ideas into reality, and their journey is just beginning.

#### IEM-Kolkata students associated with Chandrayaan 3 Project at ISRO



Pallabi Sinha



Prashant Kumar Babul ME: 2013-2017 batch



Neha Kapoor ECE: 2013-2017 Batch



Supantha Sen ECE: 2013-2017 Batch

4 pass out students from various Department are associated with the prestigious **Chandrayaan 3** project at **ISRO** 

## ALUMNI & STUDENTS ACHIEVEMENTS



Dhritesh Bhagat, Swapnil Roy,Surya Sekhar Dutta, Shreya Chakraborty, Aman Arya and Girish Garg, students of B.Tech (CSE) participated in Smart India Hackathon 2022, organized by AICTE and secured first position in Senior Software category on 26th August 2022.



3rd year **Team Khetiwari** (**Deya Hazra, Utsav Das and Sagnik Sinha**) consisting students of the CSE Departments and allied got the best beginner team in **HACK THIS FALL 2023,** organized by MLH at Karnavati University, Gandhinagar Gujrat on 3rd-5th September, 2023.



Team PWRBYTE CSE (AIML) won the HACK THIS FALL 3.0 , organised by MLH at Karnavati University, Gandhinagar, Gujarat on 3rd-5th September 2023.



**Hack4Bengal 2.0** winner and Filecoin Track Winner from CSE department on 17th September, 2023.

## ALUMNI & STUDENTS ACHIEVEMENTS



Shouvik Chowdhury (BSH), has won the Gold Medal in Open State Taekwondo Championship on 1st October 2023 in U-74 kg category and also bagged silver medal in Poomsae.



Anand Kumar Singh (CSE) has received certificate of commitment on 15th October, 2023 for participating in a conference on Cyber Security at American Center, Kolkata.



Saurav Kumar Singh,ECE 2020,AIR6 in UPSC ESE 2020 AIR 49 in GATE 2020.Currently working as GROUP A Gazetted officers at Indian Telecom Service(ITS)

Ghaziabad Qualified at the age of 21



Nirban Roy(CSE IOT), Md. Mustafa Abdullah (ECE), Tuhin Karmakar(ECE), Mentor- Trisha Paul, Won the AICTE inventors's challabge 2023 their project idea was "low cost 3d printed prosthetic arm for medical rehabilitation"

# AIUMNI & STUDENTS ACHIEVEMENTS



Samriddhi Guha of Department of CSE,3rd year is representing India in the United Kingdom for the Youth Exchange Programme on 3rd August,2023



Dr.Ayanita Banerjee of BSH dept. was recognised and honoured as a Fellow of Social Science Research Council(FSSRC),Open Associated of Research Sociaty,USA on 5th September,2023

# IEM CREATIONS | 2023-24

## IEM ANNUAL AWARD CEREMONY 2021-22

#### **Gold Medal Awards:**

AWARD NAME	DEPT.	STUDENT NAMES
B.B Ghosh Gold Medal Award for the Best student	IΤ	Aneesh Kar
Dr. Sudarsan Chakraborty Gold Medal Award for the Best Student	CSE	Tuhin Mukherj <mark>ee</mark>
Maya Chakravarti Memorial Gold Medal Award for the Best Student	ECE	Ankita De
Dr. Abhaya Pada Ghatak Memorial Gold Medal Award	ECE	Sourajit Basu
Nilanjana Paul gold medal for the Best Female ECE student	ECE	Zainab Sultan
Saugata Mondal Memorial Gold Medal Award	CSE	Soham Biswas
Shri Birendra Kumar Chakraborty Gold Medal for best BCA Student	BCA	Shreshtha Mukherjee
Mrs. Mira Ghatak memorial Gold Medal Award	EE	Souhridya Bhattacharjee
Shri Birendra Kumar Chakraborty Award for The Best MBA Student	МВА	Suchitra Singha
Smt. Bela Chakraborty Award for The Best MBA Student	MBA	Sayantan Pathak
Smt. Bela Chakraborty Award for The Best BBA Student	BBA	Aritra Hazra

# EM CREATIONS | 2023-24

## Dr. Sudarshan Chakraborty award for best student performance:

STUDENT NAMES	DEPT.
Saptarshi Sarkar Raj	ECE
Bose Roy Abhrajyoti	ECE
Sarkar Raima	ECE
Banerjee Subhayan	ECE
Saha Oliva Debnath	EEE
Rehan Aziz	CSE
	EEE
Deepprabha Malviya	CSE
Dipankar Dev	IT
Ratnesh Barnwal	EE
Disha Mandal Aman	EE
Deo Prajapati	ECE
Shubham Kumar	ECE
Adarsh Kumar	ECE
Kousheya Das	CSE
Souhardya Moitra	ECE
Balaka Biswas	CSE
Joyatee Datta	CSE
Prateek Majumder	EE
Srinjana Pathak	CSE
Sayak Acharjee	EE
Anish Pyne	EEE
Nishant Srivastav	EE
Ashish Kumar Bhuwaniya	ME
Aditya Pratyush	EEE
Om Prakash	CSE

#### Director's Award for:

AWARD NAME	DEPT.	NAME
Best Scientific Mind	ECE	Sumalyo Dutta
	EE	Farhan Hai Khan
Director's award for techno wiz	EE	Sayantan Pal
	ECE	Sayanti Dutta

## Director's Award for Overall Student Performance:

STUDENT	DEPARTMENT
Aadriza Sen Sharma	CSE
Neha Jhawar	CSE
Mahak Makharia	CSE
Ankita Saha	CSE
Anish Saha	CSE
Ayan Raj Ghosh	CSE
Shakyadeep Bhattacharyya	CSE
Aakash Banerjee	CSE
Abhyuday Saraogi	CSE
Vineeta Jain	CSE
Adrish Ganguly	CSE
Debayan Ganguly	CSE

Saptarshi Debnath	ECE
Biprajit Dasgupta	ECE
Aritra Roy	ECE
Madhurima Mukherjee	ECE
Suvradip Ghosh	ECE
Shubhangi Das	ECE
Audrish Mukherjee	ECE
Prajata Samanta	ECE
Debasis Mandal	ECE
Agniva Chatterjee	ECE
Anagh Ghosh	ECE
Aritra Mukherji	ECE
Shivam Kumar	ECE
Siddhant Kumar	ECE
Suraj Kumar Singh	ECE
Sayantan Pal	EE
Sayantan Pal Srijani Das	EE EE
Srijani Das	EE
Srijani Das Arvil Sen	EE EE
Srijani Das Arvil Sen Shreyashi Sen	EE EE EE
Srijani Das Arvil Sen Shreyashi Sen Vaishnavi Prasad	EE EE EE
Srijani Das Arvil Sen Shreyashi Sen Vaishnavi Prasad Hadeeqa Nishat	EE
Srijani Das Arvil Sen Shreyashi Sen Vaishnavi Prasad Hadeeqa Nishat Abhisek Kumar	EE EE EE EE EE
Srijani Das Arvil Sen Shreyashi Sen Vaishnavi Prasad Hadeeqa Nishat Abhisek Kumar Shweta Bharti	EE EE EE EE EEE

Atul Kumar	ME
Vivek Kumar	ME
Namrata Ghosh	ІТ
Sudeshna Roy Chowdhury	ІТ
Sumedha Ghosh	ІТ
Indra Adhikary	ІТ
Divya Prakash	ІТ
Tanmoyee Roy	п
Sanhita Koley	п
Nitin Tiwari	ІТ
Harshit Anand	ΙΤ
Ankita Datta Gupta	ВВА
Indrani Das Choudhury	ВВА
Muthu Kumar S	ВВА
Sanandita Dey	BCA
Tuhina Chakroborty	BCA
Anirudha Mallick	MBA
Sukanya Chakrabarty	МВА
Debarshi Ray	MBA
Natasha Banerjee	MBA

### Director's Award for Best Student Contribution:

STUDENT	DEPARTMENT
Priyans <mark>hu Roh</mark> illa	CSE
Manish Kumar Khetan	CSE
Sourav Adhikari	CSE
Avik Mukherjee	CSE
Srijon Nandi	CSE
Rohit Basu	CSE
Rishabh Sharma	CSE
Deb Pratim Dutta	CSE
Suparna Ghosh	ECE
Ritwika Das	ECE
Md Saquib	ECE
Ritwik Mukherjee	ECE
Prashant Gaura	ECE
Sneha Dutta	ECE
Saptak Sil	ECE
Nilanjana Bandyopadhyay	ECE
Rohit Ganguly	ECE
Soujanya Syamal	ECE
Apratim Chatterjee	ECE
Pushpak Singh	ME
Arijit Ganguly	ME
Mahashweta Das	ME

Ashraf Khan	Me
Tamoghna Dey	Me
Agnibha Ghosh	Me
Aditya Ranjan	Me
Namrata Das	EE
Raubins Kumar	EE
Md Faraz Siddique	17
Soumya Kanti Paul	IT
Aditya Gupta	П
Rishav Kundu	ΙΤ
Soumyadeep Auddy	П
Shushant Mohan	П
Shubhankar Raj	ІТ
Sanjay Gautam	П
Rishabh Kumar	П
Priyanka Singh	П
Priyanjali Das	п
Aiyush Basu	IT
Kartik Suman	IT
Aditi Dey	П
Sakshi Kumari	п
Madhurima Roy	IT
Ankita Chakrobarty	IT
Sunny Kumar	ІТ
Prashant Harsh	п
Manjul Mohan	п
Himanshu Mishra	П

Bhargavi	IT
Rishi Kumar	IT
Saikat Sarkar	IT
Srishti Chakraborti	IT
Diptashree Paul	IT
Mayukh Ray	IT
Antarika Basu	IT
Suvendu Ghosh	IT
Kashyap S Majumdar	IT
Sujay Saha	BCA
Deboshmita Das	BCA
Shouvik Kar	BCA
Payel Basu	BCA
Raja Mishra	BCA
Brotin Bhattacharya	BCA
Avijit Das	BCA
Abhinav Ojha	BCA
Anubhav Saha	BCA
Avishek Mandal	BCA
Vivek Dey	BCA
Writoja Bhattacharya	BCA
Tapabrota De	BCA
Tuhina Chakrobarty	BCA
Shubhankar Dey	BCA
Ritesh Gupta	BCA
Sourav Moitra	BCA
Archishman Mandal	M.Sc(CS)
Anu Kumari	M.Sc(CS)
Dyutiparna Behura	M.Sc(CS)
Keya Chakraborty	M.Sc(CS)

Tiasha Das	M.Sc(CS)
Ramij Raja	M.Sc(CS)
Ishika Jaiwal	M.Sc(CS)
Athul Sarkar	M.Sc(CS)
Suchismita Sengupta	BBA
Piyush Khatri	BBA
Susmita Banik	BBA
Sahil Das	BBA
Debjyoti Kar	BBA
Shivangi Thakur	BBA
Ahana Das	BBA
Trina Barik	BBA
Pritam Ghosh	BBA
Rituraj De	BBA
Shruti Majumder	ВВА
Siddhrath Sarkar	BBA
Arka Sen	BBA
Nikhil Shaw	BBA
Arnab Biswas	BBA
Debdut Chakraborty	BBA
Emily Basu	BBA
Abantika Das	BBA
Anuja Barnwal	BBA
Monalisa Bera	BBA
Ritika Ghosh	BBA
Tanushree Nag	BBA
Jyoti Bhardwaj	BBA
Pratyusha Dey	BBA

Anurag Sarkar	BBA
Depanjana Das	BBA
Ishika Ganguly	BBA
Sayak Ghoshal	BBA
Dip <mark>anwit</mark> a Biswas	BBA
Poulami Laha	BBA
Sinjini Sarkar	BBA
Raja Alam	BBA
Soumini Roy	BBA
Debargha Kar	BBA
Sweta Singh	BBA
Abhijit Chatterjee	MBA
Piya Majumdar	MBA
Mahima Chakraborty	MBA
Sanjana Deashi	MBA
Shreyashi Dasgupta	MBA
Atul Kr Sahoo	MBA
Subhojit Dey	MBA
Rupsa Chakraborty	MBA
Rohit Mukherjee	MBA
Aditya Saha	MBA
Ankita Hari	MBA
Sayantan Pathak	MBA
Aditya Roy	MBA
Shiladitya Das	MBA

# IEM CREATIONS 2023

## **Academic Excellence Award**

Hemangee De	CSE
Anusriti Choudhuri	CSE
Saurabh Kumar	CSE
Aayushman Chatterjee	CSE
Mainak Adak	CSE
Arshia Choudhury	CSE
Uttaran Chaudhuri	ECE
Bidisha Misra	ECE
Saikat Choudhury	ECE
Sarbari Choudhury	ECE
Sakshi Didwania	IT
Kuntal Howladar	EE
Priya Sahani	EE
Subhajit Das	EE
Sandeep Sourav	EE
Avijit Paul	EEE
Chameli Reang	EEE
Santanu Dey	EEE
Shweta Bharti	EEE
Subodh Chauhan	EEE
Shreya Shree	EEE
Rudraneel Bhattacharyya	ME
Nilangshuk Chaudhuri	ME
Tamoghna Dey	ME
Shuvrakanti Choudhury	ME
Rahul Dhanuka	ME
Noyonika Mukherjee	ME
Harsh	ME

Atul Kumar	ME
Ashish Kumar Bhuwaniya	ME
Ankit	ME
Akash Kumar Sinha	ME
Abhisek Satapathi	ME
Viv <mark>ek K</mark> umar	ME
Chirag Kamani	ME
Aditi Agarwal	BCA
Shreyasee Dutta	BCA
Urvi Ray	M.Sc(CS)
Aritra Hazra	BBA
Indrani Das Choudhury	BBA
Ankita Datta Gupta	BBA
Amisha Nag Roy	BBA
Purbasha Das	ВВА
Soumyajit Saha	BBA
Keya Kar	BBA
Sandipto Ghosh	BBA
Anirbit Saha	BBA
Muthu kumar S	BBA
Dimpy Das	BBA
Saptarshi Sarkar	BBA
Soumyadip Kuila	MBA
Krishnandu Majumdar	MBA
Purbita Dey	MBA
Asmit Kaur	MBA































## IEM CREATIONS 2023













# IEM CREATIONS | 2023















# IEM CREATIONS | 2023





















The IEM-UEM Kolkata Marathon 2023, a distinctive event organized by the students of the Institute of Engineering & Management, Kolkata, successfully held its sixth edition on Sunday, January 29th. Known as the Indian Warriors, these students achieved their goal of raising awareness about the new normal and aiding people in adapting to it. Over 1,500 participation slots were sold out a week in advance.

Notable participants included a person running with a prosthetic leg, a lady completing the 10K run with her baby in a stroller, a 3-year-old child finishing the 5K run. The event featured three races: a half marathon, a 10K run, and a 5K run. Cash prizes were awarded to the winners, and medals were given to all finishers.

According to runner feedback, the best aspects of the event were the enthusiastic cheering from college volunteers and the abundant hydration stations, with water booths every 500 meters ensuring runners stayed motivated throughout the race, right until the last participant crossed the finish line.











Rishikesh Chakraborty(men category) with a timing of 1 for and 14 minutes and Mukti Bayen(women category) with a timing of 1 hour 32 minutes won the half marathon. Soumen Ghosh(mens, 32 minutes) and Sanchita Mondel(womens, 45 minutes) won the 10 K run and Rohit Prasad(men's, 17 minutes) and Priti Prahapati(womens, 22 minutes) won in 5K run. Cash prizes for winners and medals were there for all finishers. The best part of the event as per the runners feedback were the ample cheering from the college volunteers and more then enough hydration with a water booth at every 500 metres, making sure that the runner is fully motivated through the run, and the same happened till the last person was on the track.







IEMPACT 2023, the annual cultural fest of IEM Kolkata, a distinctive event organized by the students of the Institute of Engineering & Management, Kolkata, successfully held on Saturday and Sunday, January 21st to 22nd. This year we have total ten events including dance, music, creative writing and many more.

This year we have many prestigious guests such as Anindya Chatterjee and many more. On the day 22nd January we have TRAP as our guest performer. The event were the enthusiastic cheering from college students and volunteers and over 500 participants participated in all events. This event achieves 1 lakhs of prize pool and the last minutes of the event was very successful.



















IEM CREATIONS | 2023



The Institute of Engineering and Management organized Innovación 2023, technical fest of IEM at IEM Management House from March 10th to 12th. The event featured notable guests such as Prof. Dr. Saikat Maitra, Mr. Sanjay Chatterjee, Mr. Harikrishna Pal, Mr. Gaurav Sharma and our very own director Prof. Dr. Satyajit Chakrabarti. March 10th was dedicated to online events, while March 11th and 12th featured both online and offline activities. Highlights included hackathons in collaboration with Unstop, three major robotics events, and Scrapyard Wars. Innovación 2023 showcased innovative projects, grandiose robotics competitions, coding events, guest lectures, and workshops. It brought together students, professors, and industry experts, making it one of the largest Techno-Management fests in Kolkata, celebrating creativity and technical prowess across various disciplines.







IEM CREATIONS 2023

It was a 3 day fest, with 8th April being the day allocated for only online events and 9th and 10th for both online and offline. We had organized hackathons, in collaboration with TCS. Innovare has always been our flagship event where we have seen students come forward with innovative projects which were far beyond our thoughts and that is the platform we aim for. Our 3 robotics events- Robofooties, XRace and Tracker were also major hits where we saw extremely well built bots perform the tasks. Scrapyard Wars which saw waste items being used to make models taught everyone how much useful items we actually waste. the events were actually experience for everyone along with the great fun in Innovación brings each year.



We were so proud to bring Innovación 2022 to IEM Management House for the tenth year. We in association with University of Engineering & Management organized its annual

Management fest-"Innovación Techno-2022" in April, 2022.



Not only students from all over India and several parts of the world showcased their talent and technical skills here, but Innovación also witnessed lectures of great scholars from reputed educational firms and industries. Innovación featured several Innovative Models, grandiose Robotics Competitions, Coding events, Guest lectures, Workshops and many more. The steadfast hard work of a group of Students, Professors, Scholars and Sponsors helped Innovación emerge as one of the largest Techno- Management Fest in Kolkata. Innovación is one of the biggest and the greatest tech fest in Kolkata. Innovación is an arena to exhibit

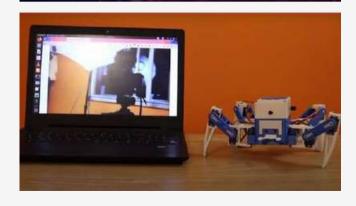
the creativity and latent talent of students of in varied dimensions technology and management. Innovación caters to a wide variety of disciplines

from Robotics. ranging Electronics. Coding and core fundamentals οf Science and Mathematics. It is our endeavor to challenge participants to think, ideate, innovate and push themselves to go that extra mile.



The SMART Maker Festival is a familyfriendly event celebrating creativity, invention, resourcefulness and innovation and technology. It brings together tech enthusiasts, engineers, artists, scientists, and crafters to showcase their hobbies, experiments, projects. The 2023 festival, and organized by SMART Society USA and Canada with IEM-UEM Group, was held on 14th and 15th January. Despite the global pandemic, it attracted participants from countries like the USA, Nepal, UK, Germany, Bangladesh, and Canada, as well as Indian universities such as IITs and NITs. It was a big success in its way.





I Here we are not only hosting events from different domains but we would also be having esteemed delegates to glorify the podium of the festival. With various new events on the list we are reaching out for students across the nation from top graduate schools and colleges. We, here at Innovación also intend to educate the interested and for that the festival is home to workshops that shall bring



with technologies of the world and make them technically adept. The entertainment and gaming industry has always embraced the latest technology, and to highlight the very same, Innovación is proud to International Robotics present an Workshop where exhibitors from all over the world shall enthrall students and audiences alike with their mind-blowing displays. Innovación 2023 is greatly awaited and the run has already begun.







Maker Festival 2021 was Smart organized by SMART Society USA and Canada in association with IEM-UEM Group on 11th December, 2021 in the virtual mode. It assembled all the innovators, tech enthusiasts and artists to cast forth their talents but staying in their comfort zones. A global pandemic could not stop us from bringing the future to the present. We witnessed participation from countries like USA,

Nepal, UK, Germany, Bangladesh, Canada etc; received projects from Indian universities like IITs, NITs, CU, JU.

Almost 150 makers across the globe submitted their innovations to us.

Among them 50 projects were selected.Aleksey Zaitsevsky from Lithuania and his project titled, 'DRONE INTERCEPTOR WITH NET LAUNCHER' had secured the 1st position, Michaelangelo Onassis from Canada secured the 1st Runner-Up position for his project titled, 'BRUCE E', Team G ONE Saver from India emerged as the 2nd Runner-Up for their spectacular project titled, 'G ONE SAVER'.









"Over the years the Insitute of Engineering & Management has been a keen contributor to the Model United Nations Community. This year we are coming forth with the most awaited 9th edition of IEM-MUN to be held offline mode & in-person after 3 years of the pandemic. This shall be the first IEMMUN conference to be held in offline mode, since 2019, IEMMUN 2022 will be held from 14-16th October, 2022 at IEM Gurukul Campus, Kolkata and prove to be a wonderful opportunity to exhibit knowledge,

interpersonal and leadership skills where the boundaries of every individual are tested, their patience interled to challed ged. It windle provide a rewarding platform for young people to solve



















IEM CREATIONS | 2023



Sports Day is the perfect occasion to physical fitness celebrate and sportsmanship. Every year, IEM students unite for a march past, salute the national flag, and compete in events like the 100meter dash, 4x100 relay, long jump, shot put, and tug of war. The day recognizes the hard work of all participants, culminating in award distributions for top performers. Beyond competition, Sports Day is a funfilled event that showcases school spirit, builds strengthens friendships, and camaraderie among students.











"Every new beginning comes from some other beginning's end." – Semisonic

Our college's 3rd and 2nd-year students organized a memorable farewell party for their cherished seniors. Reflecting on their journey, it's inspiring to see how these talented individuals began college four years ago with high hopes and have since achieved significant milestones. This unique batch excelled academically and actively participated in campus activities. The farewell was marked by flowers, beautifully decorated photo booths, and lights for capturing memories. Food packets were served, and retro musical and dance performances enriched the evening. Heartfelt farewell speeches highlighted the strong bond between seniors and the college, filled with admiration and humor. The evening was full of joy, laughter, and emotional moments as seniors shared their college experiences. The event underscored the enduring friendships formed, concluding on a touching note that neither distance nor time can diminish these bonds.







They have not only achieved academic excellence but also have proved to be excellent hosts for a variety of campus activities. Seniors were welcomed with flowers, and the entire college premise was decked up with photo booths and lights so they could take photographs and make lifelong memories. Food packets were served to everyone. Retro musical and dance performances added to the beautiful evening's cultural richness. Some of our beloved seniors gave a heartfelt farewell address in which they emphasized our substantial relationship with the college. They presented the speech in a way that was befitting and replete with admiration and respect for our graduating class. Their goodbye message was interlaced with accolades and amusing remarks. We all feel greatly impassioned to say that our seniors have made our experience at this college far more wonderful than what we can provide to our juniors, from being complete strangers to stern seniors to friends and lifelong brothers and sisters. Everyone participated in the participants' rhythmic songs and dances, and it was a wonderful evening full of joy and laughter. For the entire audience, hearing the seniors' stories concerning their time in college was a gratifying experience. There was a plethora of emotions among all but when two people are completely convinced of each other's value, neither distance from one another nor passage of time can diminish their friendship and on that beautiful note, the event came to an end.



























On the evening of September 5, 2023, the faculty members and students of the Institute of Engineering & Management, Kolkata honoured Dr Sarvepalli Radhakrishnan by hosting a cultural event. The Director, Prof. Dr Satyajit Chakrabarti, Principal Prof. Arun Kumar Bar and the Librarian, Prof. Gauri Majumder presided over a cake-cutting ceremony to mark the inauguration of the event. The cultural programme began after college hours at roughly five o'clock, keeping lectures uninterrupted. The dance and music performances by the 2nd and 3rd-year students to entertain our professors and other students.























'Agomoni' stems The word from 'Agomon'. More than just a word, 'Agomoni' embodies an emotion that consistently brings golden rays of sunshine into the dreary, mundane lives of Bengalis. It evokes the smell of 'kash ful', the sight of white cotton candy-like clouds drifting in the blue autumn skies, and the distant sound of Birendra Krishna Bhadra's voice on Mahalaya. In Bengali culture, 'agomon' celebrates the arrival of Maa Durga on earth, and IEM has honored this tradition every year. This year was no different, with a cultural program organized at the Science Auditorium of the Gurukul Campus under the guidance Professor Gauri Majumder.







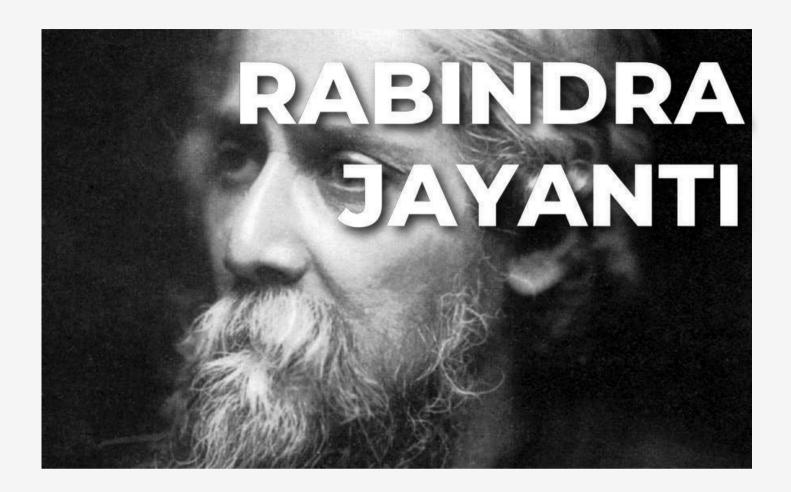
**65**)





The event was inaugurated with a melodious rendition of 'Somarohe Esho He Poromotoro Sundor Esho He' by Sneha, followed by a 'Stotro Path' by Professor Gora Chakraborty which set the mood for the rest of the programme. The various cultural performances which followed thereafter were all highly savoured by the audience members. The anchors, Sourajit and Basudha, in keeping with their titles, did a marvelous job anchoring the ship of the event to the shores of excellence. A beautiful combination of musical and dance performance on the song 'Bajlo Tomar Alor Benu' enchanted the audience which was followed by an empowering musical performance of the song 'Jago Durga, Jago Doshoprohoronodharini'. 'Sob Durgai Thakuk Sukhe' by Arunabha Sir was a very special addition to the programme. The event concluded with another set of 'Stotros' recited by Gora Sir on a note of faith, virtue and morality.

'Agomoni' is essentially a preparation- a buckling of seat belts for the exhilaration of the five days of Pujo. It is the end of a year long wait. It is the answer to the call of 'Aschhe Bochor Abar Hobe' of the previous year. It is the emotion wrapped in the questions of 'Kota jama holo?' and 'Kota thakur dekhli?' It is the joy of going to Kumortuli together to choose the best 'protima' for our pandal. It is the thrill of 'North er thakur vs South er thakur', countless plates of momos and chicken rolls, and blisters on your feet from wearing new shoes. 'Agomoni' is a word that unites Bengalis throughout the world by a common emotion irrespective of barriers of religion, caste, creed and hordes of other barriers created by man. 'Agomoni' is the light of joy in the eyes of Bengalis as the ever- flowing river of time takes them closer to 'Debipokkho' every year. This light of joy was evident in the faces of everyone as the fulfilling cultural event of Agomoni came to an end.



Rabindranath Tagore, the first Asian Nobel laureate, was born on May 7, 1861, in Jorasanko, Kolkata. He received the Nobel Prize for his "profoundly sensitive, fresh and beautiful" work 'Gitanjali' or 'Song Offerings'. A true polymath, Tagore was not only a poet and writer but also a playwright, composer, philosopher, social reformer, and painter. He introduced Contextual Modernism to Indian arts, revolutionizing literature and music. As a key figure in the Bengali Renaissance, he produced an extensive body of work, including numerous paintings, hundreds of texts, and over two thousand songs. Known as the Bard of Bengal, modernized art by rejecting rigid classical forms and embracing naturalism, fluidity of language, and colloquialism.







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On this occasion, a cultural programme was organized in IEM where students and teachers alike took part to pay tribute to Kabiguru Rabindranath Thakur. The whole programme was organized under the supervision of Professor Gauri Majumdar. The programme started at 4 PM at IEM at the Science Auditorium, Gurukul Campus. It was inaugurated by a beautiful chorus song sung by Professor Gauri Majumdar, Professor Ratna Chakraborty, Professor Kakoli Dutta, and Professor Amit Mandal which started the programme on an elegant note. Then, our President Sir, Professor Dr. Satyajit Chakrabarti, enlightened us about the greatness of Tagore. Professor Dr. Arun Kumar Bar, Principal of IEM, gave a speech discussing the achievements of Tagore and explaining how he is personality admired by everyone throughout the world. After that, the second-year students gave a brilliant performance of a chorus song. Then one by one, the teachers as well as the students performed songs, dances, and recitation to pay their homage to Tagore. The musical programme concluded with an elegant and emotionally touching sitar performance. The programme was a huge success. The programme was highly appreciated and enjoyed by the students as well as the faculty members. The Rabindra Jayanti celebration this year at IEM is sure to stay in everyone's memories for a long time. Though we celebrate Rabindra Jayanti every year at IEM, we know in our heart of hearts that we don't need a special day to celebrate our very own "Gurudev". He's an essential part of our lives and has always been so - we remember him in every desperate prayer of 'Sokatore oi kandiche sokole shuno shuno pita', in every incomplete love story of 'Kemone prokashi kobe koto bhalobashi', in every passionate confession of love of 'Ami rupe tomay bholabo na, bhalobashay bholabo' - in every situation, he proves time and again that he's that 'bondhu' who's waiting for us 'Jibono moroner simana chharaye'.



DIVERSION 2023, organized by the Department of Computer Science and Engineering at the Institute Engineering & Management, Kolkata, and the ACM-IEM Student Chapter, was an open-source event aimed at encouraging greater participation in open-source projects. Over two months, more than 500 participants contributed to 75+ various domains. projects across including Artificial Intelligence & Machine Learning, app development, and web development. The event also featured proiects in hardware-related fields such as IoT and robotics.



























DIVERSION 2022 was conducted in association with IEM-CSI Student Chapter, Google Developer Student Club-IEM, Codechef IEMK Student Chapter and in collaboration with VIT - The Electronic Club, NIT Rourkela - WEBWIZ, KIIT -

Microsoft Student Community,

GIRL SCRIPT INDIA SUMMIT and supported by naas.ai and Julia Programming Language. The event partners include Reptile, .XYZ, Karo Verify, Craft rains, Script Foundation and Mentor. DIVERSION 2022 also organized various exciting and engaging sessions providing a fruitful platform for beginners, who got the idea of what open source is and how it works. Notable mentions can be made of the session of Jérémy Ravenel (naas.ai), Ali Mustafa (Student Community Lead at Postman), Joe Karlsson, Bart Farell (Head of Community Data on Kubernetes), Praveen Kumar Purushothaman and many experienced working professionals like Sayan Sil, Mitadru Majumdar, Soumik Nandi and Aditya Thakur. They inspired the participants to take part in more opensource projects citing personal anecdotes and made the sessions super interesting and develop strong network.

The official Initiation ceremony for DIVERSION 2022 was held on February 1, 2022 and marked the commencement of the event. Most importantly, close to 500+ participants got a chance to work under

industry professionals and experienced mentors. A great number of participants were able to nurture an organic

understanding to realize the differences between "Good Code" and "Bad Code", and further appreciate the importance of writing a "Good Code", especially when dealing with large code bases.

The Winners in Main, Beginner and IoT categories and Top 20 collaborators of DIVERSION 2022 were awarded with exciting swags and cash prizes. The official Valedictory Ceremony or Closing Ceremony for DIVERSION 2022 was held on 15th April, 2022. It marked the end to the months long festival of Open-Source, had received participation and enormous response. The event also marked the of Microsoft Announcement Student Community at IEM Kolkata, a community for tech enthusiasts and developers to

build projects

## IEM CREATIONS 2023

## **EVENTS**











IEM( Institute of Engineering & Management) presented their chapter of 'Azaadi ka Amrit Mahotsav', organized by Institution's Innovation Council-IEM in collaboration with IQAC by inviting Colonel Saptarshi Chakraborty. The institution celebrated not only country's unbreakable spirit but also stood strong against invasion, oppression, poverty and communalism, and held its people together inspite of differences. Students then presented a dance which depicted India's diversity followed by a band performance and a heart wrenching song.



The Alumni Association of IEM (Institute of Engineering and Management) organized "ALUMNI MEET" at IEM Gurukul to reconnect with alumni and celebrate their achievements after two years of lockdown. Alumni began arriving at 6:00 p.m., were registered, and welcomed by Prof. Sanghamitra Poddar. The event featured cultural programs, award ceremonies, and a cake-cutting ceremony with Prof. Dr. Satyajit Chakrabarti. Alumni interacted with students, offering motivational talks on placements and higher studies, and shared their experiences. The evening included delicious snacks, an open-sky dining setup, and melodious singing performances. Alumni appreciated reconnecting with professors and batchmates, expressing gratitude for the memorable evening. The event concluded with a vote of thanks from faculty and students, acknowledging the support of IEM management in making Alumni Meet a grand success.







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The meeting was further graced by cultural programs and award ceremonies. The director of IEM-UEM Prof Dr. Satyajit Chakrabarti gave his glance during the cake-cutting interacted with the students and gave motivational talks regarding placements and preparation for higher studies. Alumni ceremony. Alumni also

shared their views also regarding placements. Students asked also questions regarding placements and further opportunities after completing the course. Alumni also described how their love remains the same for IFM after so many years. Our respected old professors

overwhelmed by noticing their get student's success. Every alumnus has enjoyed the evening. The event was

and enjoyable and stimulating simultaneously profitable as all members shared their views ideate and new ideas, information, and insights came up. Alumni were also served delicious snacks in the evening to make it more refreshing and energetic for the second half of the day.

The program ended with the award ceremony and melodious singing

performances. At the end of the day, an open sky dining was arranged with beautifully decorated seats along with fairy lights. Everyone enjoyed supper and had a great time with each other. Alumnus enjoyed the evening by not only meeting their professors but also meeting their batch mates after a very long time. Every alumnus appreciated and thanked every student and professor for their hard work in making this evening so special and memorable for them.

A vote of thanks was given by the faculty members as well as by the students to the alumnus for attending the meet and making the evening memorable for everyone. They also thanked the management of IEM i.e., the Institute Of Engineering And Management for the support and guidance which has made

Alumni Meet 2022 a grand success.

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The Ashram Cup Football Tournament 2023, held on 15th July at the Vs Arena 2.0 (Stadel), was a grand celebration of sportsmanship, skill, and community spirit. The tournament featured 12 highly competitive teams, each vying for the prestigious title. The round-robin format ensured that every team faced each other, leading to a series of electrifying matches that kept spectators on the edge of their seats.

One of the key highlights of the day was an exhibition match between students and faculty members. This match was more than just a game; it was a showcase of the strong bond and mutual respect between students and their mentors. The friendly rivalry added a unique flavor to the tournament, with both teams displaying remarkable teamwork and enthusiasm, much to the delight of the audience.

After several hard-fought battles on the field, the tournament culminated in a thrilling final match. The Alumni team emerged victorious, defeating the BCA3 team in a closely contested game. Their victory was a testament to their experience and enduring connection to the institution, marking a proud moment for all former students.

The Ashram Cup Football Tournament 2023 was more than just a sports event; it was a vibrant gathering that brought together current students, faculty, and alumni. The tournament not only highlighted the football prowess within the institution but also reinforced the spirit of unity and camaraderie that defines the community.

The Ashram Cup Cricket Tournament 2024, held on the 30th and 31st of March at the CKCL Ground, marked a historic moment in the college's sporting history. This year's tournament saw six men's teams competing for the coveted title. However, what truly set this edition apart was the inclusion of two girls' teams, making it the first time in the college's history that female cricketers had participated in the Ashram Cup. This groundbreaking inclusion not only highlighted the growing enthusiasm for cricket among female students but also showcased the college's commitment to promoting gender equality in sports.

The tournament was filled with excitement and competitive spirit, with each team bringing their best to the field. The men's teams displayed a high level of skill and strategy, engaging in thrilling matches that kept the spectators entertained throughout. The two girls' teams, despite being newcomers to the tournament, impressed everyone with their determination, teamwork, and cricketing abilities. Their participation was a significant milestone, and their performances were met with applause and admiration from all quarters.

The tournament culminated in a spectacular final match between the Lightening Lancers and the Green Hawks. Both teams had shown exceptional performance throughout the tournament, and the final was no exception. The Lightening Lancers, with their dynamic batting and sharp fielding, emerged victorious, defeating the Green Hawks in a closely contested match. Their triumph was well-deserved, reflecting their consistent performance and team spirit.

The Ashram Cup Cricket Tournament 2024 will be remembered not only for the thrilling cricket matches but also for the progressive step towards inclusivity in college sports. The successful inclusion of girls' teams has set a new benchmark, inspiring future tournaments to continue this tradition. This year's tournament was a celebration of talent, determination, and the unifying power of sports within the college community.













Building on the tremendous success of IEEE **IEMCON** 2022. we are delighted to present IEEE IEMCON 2023. This conference offers researchers, educators, and students the opportunity to discuss exchange ideas on issues, trends, and advancements in Information Technology, Electronics, and Mobile Communication. The aim is to bring scholars from diverse together backgrounds to promote the dissemination of current research in Computing, Electronics, and Mobile Communication. Original research papers are invited in these fields and related technologies, and the conference will feature a peerreviewed program of technical sessions.

The inauguration session commenced at 9:00 PM on October 12, 2023, with Prof. Dr. Satyajit Chakrabarti, President of IEM Kolkata, delivering the inaugural speech. Following this, Prof. Dr. Satyajit Chakrabarti, Director of IEM Kolkata, also addressed the attendees. The keynote session featured Prof. Dr. Konstantin Novoselov, who spoke on Physics-inspired learning on Graphs. Over the course of four days, authors from around the world presented their submitted papers. The conference 15 with a concluded on October valedictory where session the committee awarded the presenters, followed by a vote of thanks.



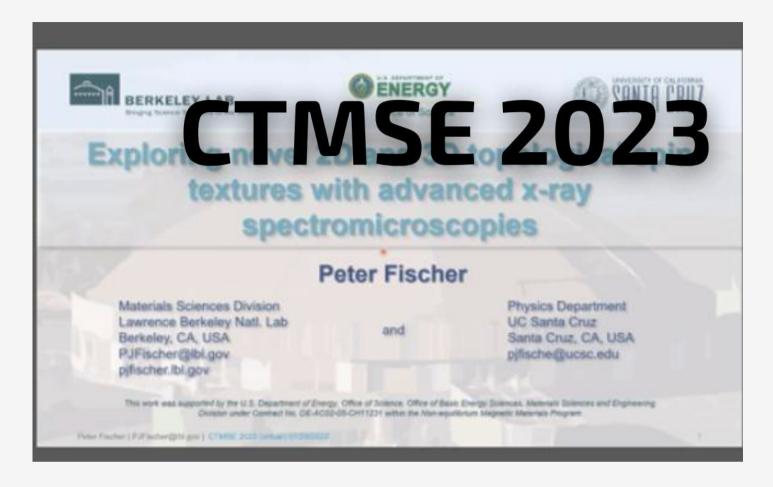
outstanding success of IEEE IEMCON 2022, we are very proud to present IEEE IEMCON 2023 which will provide an opportunity for researchers, educators, and students to discuss and exchange ideas on issues,

trends. and developments in Information Electronics. Technology, The and Mobile Communication. conference aims to bring together scholars from different backgrounds to emphasize the dissemination of ongoing research in the fields of Computing, Electronics, and Mobile Communication. Research papers are invited describing original work in the above-mentioned fields and related technologies. The conference will include a peer-reviewed program of technical sessions. All

All accepted papers will be presented virtually during the parallel sessions of the conference and the accepted, presented papers will be submitted for publication at IEEE Xplore® digital library (Scopus, Web of Science, and Google Scholar). This time also the 14 th Annual Information Technology, Electronics,

Communication Mobile Conference (IEMCON) were held in Virtual Mode. On 12 th October 2023 the inauguration session started at 9.00 P.M. Prof. Dr. Satvajit Chakrabarti, President of IEM Kolkata. inaugurated the session by giving his valuable speech. Next session was keynote session where Prof. Dr. Konstantin Novoselov delivered speech on Physics -inspired learning on Graphs. The conference was conducted for 4 days. **Authors** 

from all over the world have submitted their papers to this conference and also presented their papers.



We are pleased to announce that the Department of Basic Science & Humanities at IEM, Kolkata, has successfully organized and concluded the "4th International Conference on Current Trends in Materials Science & Engineering (CTMSE 2023)."

The conference focused on significant advancements in various interconnected areas within materials science and engineering, aiming to benefit society and enhance daily life.



This event provided a premier interdisciplinary platform researchers to discuss the latest innovations, trends, concerns, practical challenges and of different areas materials and engineering, science as well as the solutions to be adopted.

At this conference, we held 4 plenary sessions, 1 keynote talk, 1 technical session, and 5 contributed sessions. The proceedings of CTMSE 2022 will be published as AIP Conference Proceedings (Scopus indexed).

We were honored to have the following distinguished scientists and professors, who took time out of their busy schedules to speak at our conference:

\*International Speakers:\*

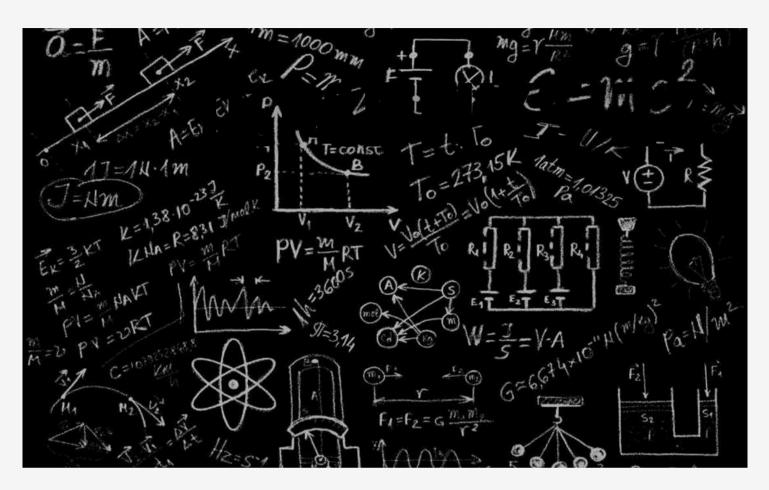
- Prof. Peter Fischer, Lawrence Berkeley National Laboratory, USA and University of California, Santa Cruz, USA
  - Prof. Shiv N Khanna, Virginia Commonwealth University, USA
    - Prof. Hariharan Srikanth, University of South Florida, USA
  - Prof. Jayasimha Atulasimha, Virginia Commonwealth University, USA
    - Prof. Maria Arantzazu Argüelles Velez, University of Oviedo, Spain
  - Dr. Piotr Kuswik, Institute of Molecular Physics, Polish Academy of Sciences,
    Poland
    - Dr. Sachin Krishnia, CNRS, France
    - Dr. Venkata Kamalakar, Uppsala University, Sweden
    - Prof. Anjan Barman, S. N. Bose National Centre for Basic Sciences, India
      - Dr. Praveen Kumar, IACS, Kolkata
        - Dr. Subhankar Bedanta, NISER
        - Dr. Amlan Dutta, IIT Kharagpur

We also had the privilege of having the following academicians as our external session chairs:

- Dr. Arabinda Haldar, IIT Hyderabad
- Dr. Achintya Singha, Bose Institute, India
  - Dr. Somnath C Roy, IIT Madras
- Prof. Aloke Kanjilal, Shiv Nadar University, India
  - Dr. Susmita Saha, Ashoka University
  - Dr. Jaivardhan Sinha, SRM University
    - Dr. Rudra Banerjee, SRM University
      - Prof. Sreemoyee Ganguly, UEM
        - Dr. Praveen Kumar, IACS
- Dr. Sudipta Bandyopadhyay, University of Calcutta
  - Dr. Braj Bhusan Singh, HBTU
  - Dr. Partha Mahata, Jadavpur University, Kolkata

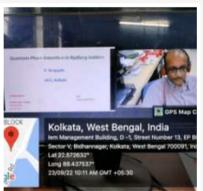
With warm regards, CTMSE 2022 Team

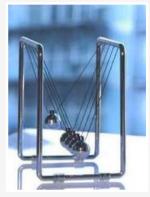
- Prof. Saswati Barman (BSH department, IEM) Convener CTMSE 2022
  - Prof. Ranabir Banik (BSH department, IEM) Convener CTMSE 2022
    - Prof. Arun Kumar Bar (Principal, IEM) Chair CTMSE 2022
- Prof. Prabir Kumar Das (HOD, BSH department) Chief Advisor CTMSE 2022

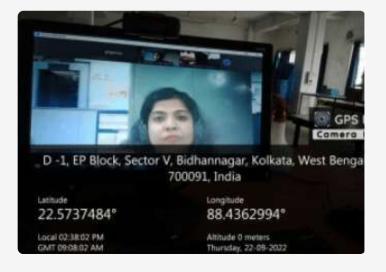


The International Conference on Advanced Physics – IEMPHYS 2023 was organized by the Department of Basic Science and Humanities at the Institute of Engineering & Management, Kolkata, India, in association with the IEM Society of Physics Student Chapter (AIP) and Smart Society, USA. The conference took place online from September 22nd to September 24th, 2023.

IEMPHYS 2022 served as an interdisciplinary forum covering a wide range of advanced topics in Physics, including Solid State Physics, Nuclear Physics, High Energy Physics, Astrophysics, Computational Physics, Nano Science and Nano Technology, Biophysics, Optical Systems and Photonic Devices, and Quantum Information Science. The event featured talks and keynote lectures by eminent speakers from renowned institutions worldwide, as well as contributed oral paper presentations and poster presentations on advanced Physics topics.







Approximately 43 papers were presented in various technical sessions, with the best paper from each receiving session an Selected award. papers from the conference were published in the International Journal of Innovative Research in Physics, a publication of Smart Society, USA.

The conference aims to bring together scholars from backgrounds diverse promote the dissemination of ongoing research in IoT, Electronics, and Mechatronics. We invite research papers describing original work in these fields technologies. and related event will feature peer-reviewed program of technical sessions, special sessions, tutorials, and demonstration sessions.



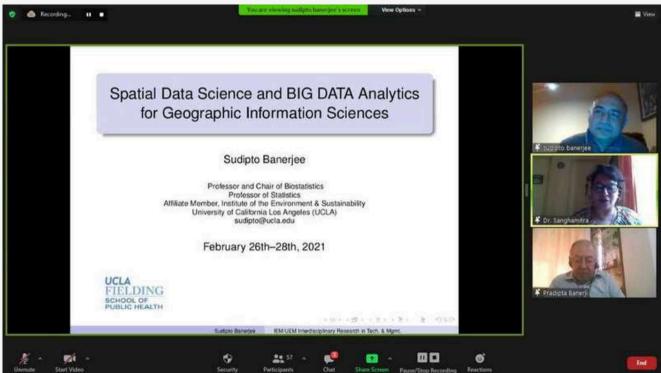


The inaugural conference on "Interdisciplinary Research in Technology Management" and (IRTM), held in February 2023, received an overwhelming response from participants worldwide. This enthusiasm has motivated the organizers to plan the next edition of the conference in Kolkata on a larger scale, once again in an online format.



We are experiencing an incredible time of change, and our effort to host such an interdisciplinary conference virtually clearly resonated with the academic community, as evidenced by the widespread participation in the first IRTM conference. This event has refocused global attention on healthcare and healthcare infrastructure, prompting renewed discussions about the kind of world we want to live in. Environmental concerns are being addressed with increased vigor, and there is a growing consensus on the urgency of developing new, robust infrastructure suitable for the future.





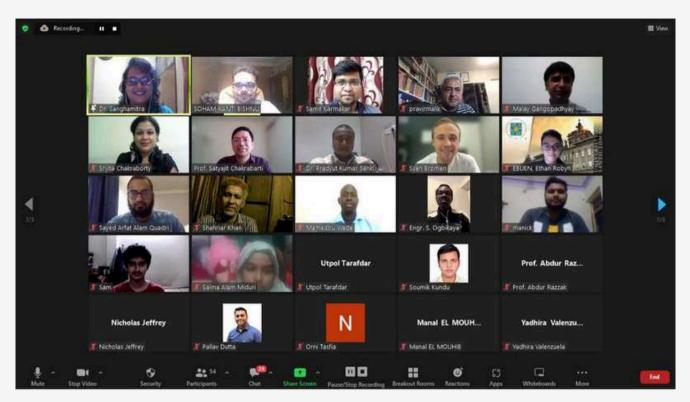


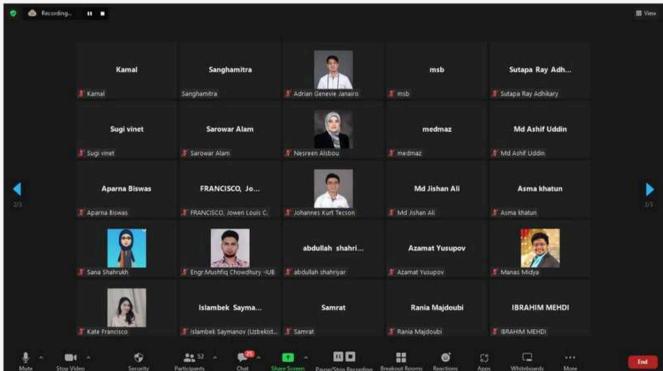
Following the remarkable success of IEEE IEMCON, IEEE CCWC, IEEE UEMCON, and IEMANTENNA, we are excited to present IEMTRONICS 2022 (International loT, Electronics, and Mechatronics Conference), scheduled to be held online from June 1st to June 4th, 2023, in Toronto, Canada. In light of the ongoing global pandemic due to COVID-19, and continuing our tradition organizing highly successful conferences, we have opted for a virtual format.



The conference aims to bring together scholars from diverse backgrounds to promote the dissemination of ongoing research in IoT, Electronics, and Mechatronics. We invite research papers describing original work in these fields and related technologies. The event will feature a peer-reviewed program of technical sessions, special sessions, tutorials, and demonstration sessions.

IEMTRONICS 2022 also aims to foster a robust dialogue between academia and industry, bridging the gap between academic research, industry initiatives, and governmental policies. This will be achieved through panel discussions, keynotes, invited talks, and industry exhibits, providing academia with exposure to state-of-practice and results from trials and interoperability experiments. Industry participants will benefit from access to cutting-edge research in networking and the opportunity to communicate with academic researchers about practical problems that require further investigation.







On September 16, 2023, a fortunate few members of IEM's Young Indians society had the opportunity to attend the Young Indians' largest conclave on Financial Renaissance at the Hyatt Regency, Kolkata. The YIFI conclave, presented by dezerv., featured numerous esteemed Shri speakers, including Gadkari, Minister of Road Transport and Highways; Shri Harshvardhan Neotia, Chairman of the Ambuja Neotia Group; and Shri Nilesh Shah, of Kotak MD Mahindra Asset Management Company Ltd. Additionally, one of India's wellknown influencers and a dedicated writer, Chetan Bhagat, played a significant role in the conclave.







# Workshop & Seminar

### **WORKSHOP**



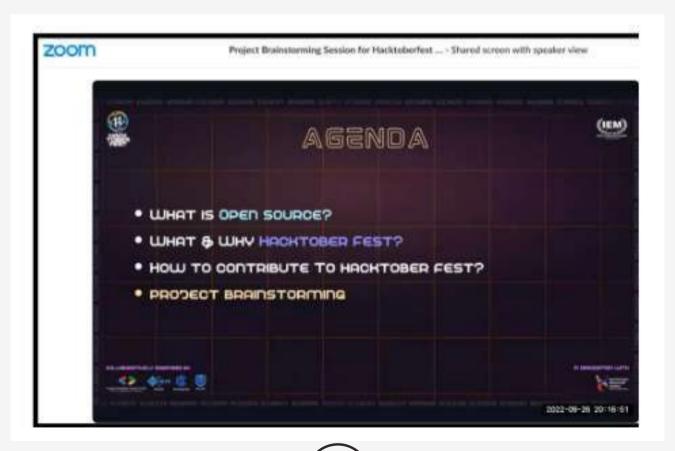
The Hacktober Project Brainstorming Session was conducted by Google Developer Student Clubs - IEM (GDSC-IEM), ACM-IEM, IEM Coding club (IEMCC) and MSC-IEM for the session 2022-23 on the 26th September 2022. The session was hosted online and almost 60 participants were present from several departments of IEM. The session was conducted by Souvik Ojha (GDSC- IEM lead), Chaitak Gorai (GDSC-IEM Co- lead), Mukherjee (GDSC-IEM Outreach lead), and Bhaswati Roy (MSC Lead). The faculty coordinators were Prof. Sumanta Chakraborty and Prof. Tufan Saha.

The session was targeted to come up with new and innovative ideas for the Hacktober fest and to present an overview of what Hacktober fest is. The session was

- a huge success as everyone actively participated and presented their ideas. Some of the ideas discussed were as follows:
- 1. Flat registration system.
- 2. Image Rectifier.
- 3. Puja Guide.
- 4. Online voting system.
- 5. Food donation app.
- 6. Local Networking app.
- 7. Tourist Guide app.

### WORKSHOP







The Android Jetpack Compose Camp session of Google Developers Student Club – Institute of Engineering and Management for the session 2022-23 was conducted on the 16th, 24th, 25th, 26th, 27th, and 28th of September 2022. The session was hosted online for the first 5 days and then the last was hosted offline. Over 50+ participants were

present from almost all the departments. In this Compose Camp, we developed industry-level projects using MVVM

Clean Architecture and the Jetpack Compose library, in Kotlin. The faculty coordinator was Prof. Sumanta Chakraborty. The session was conducted by Shagil Islam, App Dev Lead of GDSC-IEM (BTech 3rd year) and the speakers were Deya Hazra and Rohit Kumar. The hosts of these sessions were:

Day 1: Ahana Mukherjee and Shoubham Singha Day

2: Suchita Mallick Day

3: Suchita Mallick Day

4: Ahana Mukherjee and

Day 5: Ahana Mukherjee

Day 6: Deya Hazra

### WORKSHOP

### The agenda of six days are as follows:

### Day 1:

Topics covered:

- 1. Intro to Android Framework
- 2. Intro to AndroidStudio IDE
- 3. Overview of an Android Studio project (AndroidManifest.xml,build.gradle, activity\_main.xml, MainActivity.kt)
- 4. How to create layouts in XML
- 5. How to handle events
- 6. Understanding them through a project

### **Day 2:**

Topics covered:

- 1. Intro to Jetpack compose
- 2. What r composable functions
- 3. Preview function in compose
- 4.Implementation of collapsible or expandible image card in compose

### **Day 3:**

Topics covered:

- 1. Intro to Android design patterns and architectures
- 2. Intro to MVVM architecture
- 3. Intro to Clean architecture
- 4. Setup of the final NewsApp project using Clean Architecture

### Day 4:

Topics covered:

- 1. Intro to the newsapi for the project
- 2. JSON parsing
- 3. Retrofit network call and JSON parsing using GSON library
- 4. Intro to Dagger-Hilt and Dependency injection in the project

### **Day 5:**

Topics covered:

- 1. Building Domain layer
- 2. Implementation of repository and making our first network call
- 3. Introduction to data Models and @SerializedNames
- 4. Making the Jetpack Compose UI for Article item

### **Day 6:**

Topics covered:

- 1. Synchronous vs Asynchronous programming (Introduction to Threads)
- 2. Kotlin coroutines
- 3. Designing the recycler view using a lazy column
- 4. Finishing up the final project with the following GitHub link

### Source code:

https://github.com/shagil77/NewsApp-GDSC-ComposeCamp22



### WORKSHOP



For engineering students, Research is most important. At least they have to submit two journal papers and several conference papers throughout the year.

**IFM** Keeping this mind in ECE Department has organized workshop on paper writing. Prof. Raj Kumar Mahapatra from **EBSCO** Information Services India Pvt. Ltd. came to IEM and discussed all the features of EBSCO. He also told the students how to write for iournals papers and conferences. Students from the ECE the department participated in workshop.

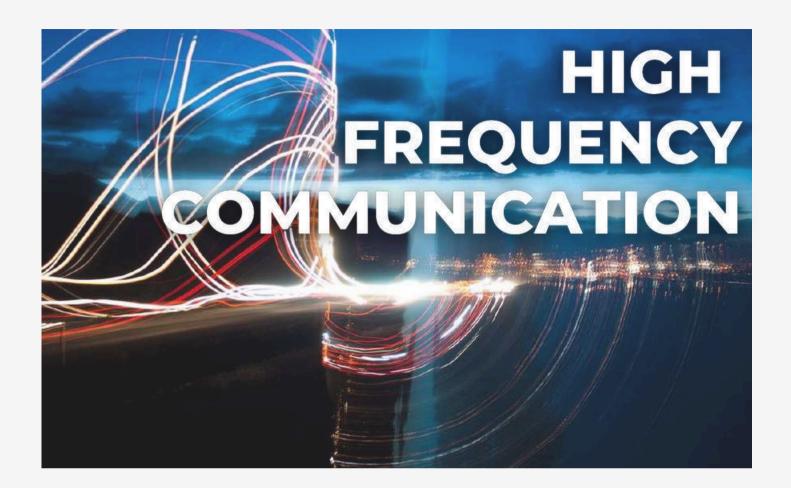


### **SEMINAR**



On 3rd September 2023, the Internal Quality Assurance Cell of IEM organized a seminar on National Education Policy (NEP). The key objective of the seminar was to implement the NEP in Engineering and Management Education. Padmashree Prof. Bimal Kumar Roy who is the Former Chairman of the National Statistical Commission, India along with Prof. Anupam Basu, Director of the National Institute of Technology, was the guest speaker of the Seminar. The seminar started at 11 A.M. in the Science Auditorium of the IEM Gurukul campus. Faculty members from the different departments gathered in the Auditorium and made the seminar a grand success. The session started with the inauguration speech by Prof. Dr. Satyajit Chakraborty, Director of IEM Kolkata. After that Prof. Roy discussed the National Education policy with all the faculty members and explain the importance of NEP in today's education. Prof. Anupam Basu has also discussed how to implement the NEP in Engineering and Management Education. The Session ended with a token of appreciation given to the guest speakers by our Principal Prof. Dr. Arun Kumar Bar.

### **SEMINAR**



IEEE IEM **APS STUDENT BRANCH CHAPTER** with association in Department and of Electronics Communication **IEM** Engineering Kolkata has organized a webinar on "High Frequency Communication: Recent Trends" on 15th March, 2022 at 4 PM onwards. The webinar was addressed by our honorable speaker is Dr. Somak

Bhattacharyya, Assistant Professor,

Department of Electronics Engineering, IIT BHU. More than 55 students and Faculty members of IEM, Kolkata and other Institutes have participated in that event and make the program very successful. The seminar motivated the participants, who dream of becoming a successful engineer in the future. The session coordinator was Dr. Manas Midya and Dr. Gobinda Sen.





### **E-CELL**



The Entrepreneurship Development and Incubation Cell of IEM fosters innovation and invention by equipping students with entrepreneurial skills and offering comprehensive support.

The startups incubated here cover a wide range of fields. Wealthy Waste, for example, transforms waste materials into everyday products, while Techax Labs is a digital agency offering technical and marketing services. Applex is a team of professional app developers providing solutions for app-related queries, and Zero Dollar Security specializes in cyber security solutions. Distronix is a group of tech enthusiasts focused on building robots and designing interactive interfaces. Other notable startups include XEQT, XCLence Corp, and Image Array.

The E-Cell of IEM instills an entrepreneurial spirit in students and provides a platform for them to create their own ventures, encouraging them to pursue their own ideas rather than following a conventional corporate path.

### **IIC IEM**



IEM-IIC aims to identify and reward innovations and cultivate the spirit of innovation and entrepreneurship among students by conducting various activities and workshops prescribed by the MOE. By the organization of periodic workshops, seminars, hackathons, idea competitions, mini-challenges, etc. along with the direct involvement of industries and interactions with entrepreneurs, investors, and professionals, we create a mentorship pool for student innovators and allow for successful networking of the student innovators in both the national and entrepreneurship level. Apart from this, IEM-IIC also aims to enable policies that shall best support sustainable innovation and strive to advance technologically, and in entrepreneurial ways, serving as the mentor to some of the brightest minds and contribute to the development of the country.

### A software that adjusts

screen in accordance with the brightness and magnification of the screen Straining of eyes the distance of the user's face from the problem nowadays. While working on computer is a common set devices allow manual setting of

most devices allow manual setting of the brightness and magnification, most people forget to adjust the same according to their needs during long hours of work resulting in straining of eyes and consequent eye defects. Our software, based on Python programming language, aims to



eliminate this problem by automatically adjusting the brightness and magnification of the screen in accordance to the distance of the user's face from the screen.

# (100)

### **IIC IEM**



Motorbikes are the most preferred option for city travel. Upon a quick survey, we found that the most common problem faced by riders is the discharging of their phone batteries and so, Souhridya Bhattacharjee, a student of Institute of Engineering and Management, 4th year, has come up with a solution. Solar Helmet- a prototype made by the young innovator

allows the rider to charge his or her phone using solar power. The helmet has solar panels attached on the top that generates electricity from the light falling on the helmet. We are delighted at how our students are identifying problems and looking for solutions in everyday lives and objects. Here at IEDC, we have innovation at its best!



The rising fuel prices constitute

everyone's nightmare at present, not to mention, the rising

pollution as a result of using them.

Everyone is thinking of switching to EVs, but one question makes them all raise doubts- what if there's no charging

point at a place you exhaust your charge! Well, at least there is sunlight everywhere. Our student Souhridya Bhattachrya has come up with an idea to solve the problem, and to utilize the inexhaustible resource-sunlight. Solectro is a solar-electric hybrid motorcycle which can be charged with electricity as well as solar power. It is a leap towards changing to a future of a pollution free environment, and extensive use of EV.



### SAP



IEM-Study Abroad Programme (SAP) is conducted for a global exposure to This programme has been engineered to give an experiential learning platform to the students of various disciplines.

students of IEM-UEM Group. The students will get hands-on experience of gaining knowledge of foreign culture, industry and economic dynamics. It will provide the students with an opportunity to interact with foreign faculty, foreign corporate, foreign certifications and carry out live projects.

### Locations:

It will be conducted at the following places:

- Canada
- USA
- Singapore
- Australia
- UK



- •Special Certification modules delivered by Industry experts.
- Industry/Lab/University Visits
- Extensive Live Project Reports
- Excellent exposure, cross-cultural orientation & sensitization to foreign economies, and societies.
- Familiarization with industry dynamics and trends on a global scale

The benefits of SAP/3C are Foreign Certification & credit transfer. Academic Model, Curriculum, Evaluation and Examination.

# Student chapter





The Indian Society of Heating, Refrigerating, and Air Conditioning Engineers (ISHRAE) operates across more than 44 Chapters and sub-Chapters throughout India, with its headquarters in Delhi. Our ISHRAE IEM Model Student Chapter is one among them. Let's take a brief look at this year's accomplishments within this chapter. The National Student Design Competition Challenge is a nationwide event organized by ISHRAE student chapters. From our chapter, eight teams participated and submitted their design documents to the Jury Panels, with one team securing the 1st runner-up position.

The Solar Decathlon India, conducted by the Indian Institute for Human Settlements (IIHS) and the Alliance for an Energy Efficiency Economy (AEEE) under the auspices of the Indo-US Science and Technology Forum (IUSSTF), saw participation from Team Nivas 2.0. This team, comprising 15 skilled students from the Institute of Engineering & Management, Kolkata, collaborated with numerous industry professionals. Their outstanding feasible solutions earned them the 1st runner-up spot in the Multi-family Housing segment, competing against various esteemed institutes nationwide.

In the National Hackathon Competition, our college team emerged victorious, securing a cash prize of 1 Lakh Rupees. This chapter also boasts achievements in the Prem Jain Memorial Trust, the SRPG National Level Competition, and other events. These accomplishments highlight the active participation and success of the ISHRAE IEM Model Student Chapter throughout the society year.



The IEEE (Institute of Electrical and Electronics Engineers) IEM Student Branch is one of the most prominent and successful branches at IEM. It offers numerous learning opportunities in engineering sciences, research, and technology through workshops, conferences, and various technical and cultural activities, promoting IEEE and technological advancement. By organizing diverse technical seminars, workshops, and conferences, it significantly contributes to the development of young professionals, helping them realize their full potential.

In 2020, La Vie En provided participants with a platform to express their emotions regarding their lockdown experiences. URJAA focused on showcasing the best in technical content creation through PowerPoint presentations. STACK was a tremendous success, featuring both technical and non-technical sessions. The TECHTALK series also garnered great success, offering participants engaging and informative webinars. TRINOYON, a pre-Puja cultural event, was a hit, with participants excelling in singing, dancing, and art.

ELEVATE, our first offline event in 2022, was a massive success with substantial participation and the presence of esteemed speakers such as Mr. Aravindan Anbazhagan, Mr. Ramneek Kalra, Mr. Subodh Gajare, and many others.



Recently, our iGEEK event was a tremendous success, attracting nearly 400 participants. The event featured Sandeep Jain, co-founder and CEO of GeeksforGeeks, as the speaker. With such achievements, the IEEE IEM Student Branch continues to excel, and we hope to set an example as one of the finest student branches in the future.







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### STUDENT CHAPTER



The IEM Coding Club is back with fresh concepts and ideas. Previously focused solely on competitive coding, it has now evolved into a comprehensive club encompassing various domains. Whether it's web or app development, AI, machine learning, competitive coding, blockchain, or graphic design, IEMCC covers it all.

The club will organize several bootcamp sessions to provide an overall creative experience. Four sessions will be held each month to enhance problem-solving skills, including contest problem discussions to prepare members for technical interviews. As a coding club within a technical institution, we will host coding events, workshops, hackathons, and open-source coding contests.

Expert-led sessions will offer informative plenaries and insights into effective coding practices. The IEM Coding Club aims to provide a gateway for our institute's members to gain mentorship and assistance to improve their coding abilities. Join us on this exciting journey.

The Institution of Engineers (India) [IEI] is the largest multi-disciplinary professional body of engineers, dedicated to promoting the advancement of engineering among its members and affiliates. The IEI IEM Students' Chapter (EE) also strives to foster harmonious growth in engineering science.

Founded in 1920 and headquartered at 8 Gokhale Road, Kolkata-700020, the Institution of Engineers (India) was incorporated by Royal Charter on September 09, 1935, and remains the only professional body in India to receive this honor. Every year, September 09 is celebrated as Royal Charter Day by all IEI Centers, commemorating the day His Majesty, King and Emperor George V, granted the Royal Charter at Buckingham Palace, London.

The Electrical Engineering Department established this student chapter in 2017, and it continues to nurture innovative minds. ENGINIOUS is the annual flagship event of this chapter, featuring a poster presentation competition (POSTERNOVA), a paper presentation (TECHNOVATION), a circuit design and analysis competition (CIRCUITRIX), a quiz (QRIOSITY), and a problem-solving skills event (DEXTERED), among others.









The Institution of Engineers (India) [IEI] is the largest multidisciplinary professional body of engineers, established in 1920 with its headquarters in Kolkata. It was incorporated under a Royal Charter on September 9, 1935, by King George V. IEI and IEM have collaborated to form a student chapter, prioritizing mechanical students. This chapter offers opportunities for publishing papers, funding projects, and organizing events. Students can attend lectures by distinguished speakers and professors from various fields, including science, entrepreneurship, and business. They also benefit from the support and experience of alumni for their college projects and events, including Enginious.

Enginious, held under the IEM-IEI banner, is an event where students can learn about new innovations, publish journals and papers, and present project ideas. Since 2017, Enginious has been a major success, especially for the core branches of IEM. It integrates mechanical and electrical engineering to create one of the college's premier events. During the COVID-19 pandemic, IEI continued to bring events to students online, providing fun and informative competitions.



Ingenious, held under the IEM-IEI banner, is an event where students can learn about new innovations, publish journals and papers, and present project ideas. Since 2017, Ingenious has been a major success, especially for the core branches of IEM. It integrates mechanical and electrical engineering to create one of the college's premier events. During the COVID-19 pandemic, IEI continued to bring events to students online, providing fun and informative competitions.



IET, The Institution of Engineering and Technology (IET) is a multidisciplinary professional engineering institution. IET-IEM Student's Chapter was established in the year 2020 with 54 enthusiastic students under the guidance of Prof. Ankit Ray Ghatak, Prof. Nirban Chakraborty, and Prof. Arijita Das, and presently consists of 56members. It's an interdisciplinary student chapter. Skills in the field of Engineering are the most required things. It doesn't matter whether you are a beginner or a professional, skills can uplift you in every stage of your professional life. Here the IET-IEM student chapter comes into the field with hands-on training, workshop, internship, and many more things. IET also provides a handsome price of Rs.10lakh in total prize money in the program honours engineering students' academic excellence, creativity, and innovation. East Indian Wing of the IET: Kolkata Chapter's student branch IET-IEM Students' Chapter in 2021 has successfully conducted four webinars and planning for more webinars to provide insightful content on a variety of engineering disciplines. Along with webinars, a few handson workshops were also organized. IET- IEM'sfirst annual flagship event, "SKILLSTRIKE" was organized on October 2021 which consisted of five events: -Timer & Quizon, Articon, Posteron, Phototron, and Code-ON. It was a successful event where around 100 students participated.

In the year 2022 IET-IEM students chapter has successfully conducted a month-long training with the collaboration of MSME TOOL ROOM, Govt. of India Kolkata on Industrial Automation, PLC & SCADA. IET-IEM Students' Chapter also organized



a one-day visit to a Transformer Manufacturing Unit in Kolkata. Till **IET-IEM** this vear Chapter now conducted five webinars and also planning for more. Among them, On 31st March this chapter successfully conducted a webinar on "ELECTRIC VEHICLE: The Future Automotive" and the lecturer was Prof. Sreejith S, Assistance Professor, NIT Silchar. On the 17th of August, we successfully conducted an industry talk with Mr.Sankar Nath Mukhopadhyay the

Chairman of the Institute of Engineering & Technology, Kolkata Local NErwort on the "BASIC OF INDIAN POWER SECTOR AND OPPORTUNITY". IET-IEM chapter also planning to organize its second annual event "SKILLSTRIKE 2.0" and we're going to make it bigger this time.

IFT-IFM Students' Chapter is the currently managed bv committee following core members: Joydeep Dev (Chair)(EE), Shreya Dutta (Vice Chair)(EEE), Riya Kumari(Secretary)(EEE), Oiswarya Nag(Social Media & Online PR Manager)(EE)

along with other 10 members

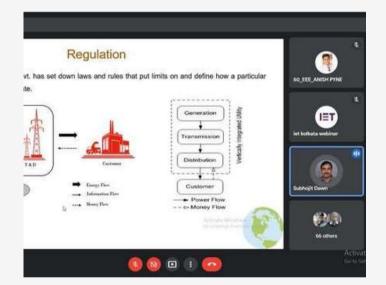
- 1. Arindam Maiti(ECE)
- 2.Srijita Sarkar(CSE)
- 3. Shrey Rungta(EEE)
- 4. Abhirup Majumdar(EE)
- 5. Soumalya Biswas(ECE)
- 6.Aritra Majhi(ECE)
- 7. Sambhabi(ECE)
- 8. Sourik Bhuniya(IT)
- 9. Arkaprabha Biswas(CSBS)
- 10. Akash Pal(EEE).



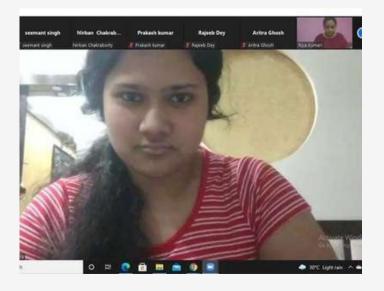
This is a chapter by the students for students for their well-being and to grow their professional ethics into them and try to give them an overall view of how the engineering industry works.



















Google Developers Student Club IEM (GDSC IEM) is a technical club built for budding engineers which brings together like-minded technology enthusiasts. It promotes the imparting of tech-based education to beginners in the industry, and the sharing of knowledge and ideas amongst its members. The goal of GDSC IEM is to create a healthy productive environment where students grow their knowledge through peer-to-peer learning and build innovative solutions for the progress of their community.

GDSC IEM was led by Swapnanil Ray (CSE Department, 2019-23) for the session 2021-22 and is currently under the command of Souvik Ojha (CSE department, 2020-24) under the advisory of Prof. Sumanta Chakraborty. The club has several technical domains, each of which has a team lead. Leads at GDSC IEM are passionate about helping peers learn technology and connect, by organising several workshops and boot-camps. GDSC IEM was also a part of the incredibly successful flagship Open Source event - Diversion 2022.

The most successful event organised by GDSC IEM was 30 Days of Google Cloud led by the Cloud Facilitator, Surya Sekhar Datta. It witnessed a footfall of over Phusiastic participants who were engaged in this event for over a month. It gave them an amazing to opportunity to complete various Cloud challenges and win exciting swags from Google Cloud.













Established in 1947, the Association for Computing Machinery (ACM) is the world's largest educational and scientific computing society. It provides a platform for students and professionals worldwide to collaborate and share resources. ACM is an international learned society for computing, organized as a non-profit professional membership group, with over 100,000 members as of 2011. Headquartered in New York City, ACM consists of more than 171 local chapters and over 500 college and university chapters. The first student chapter was founded in 1961 at the University of Louisiana at Lafayette. ACM aims to advance computing as both a science and a profession by delivering valuable resources.

The IEM Student Chapter of ACM helps familiarize IEM members with the latest tech trends. Operating as a non-profit, the IEM ACM Chapter includes students from various professional backgrounds as its organizing members. The chapter's goal is to provide an educational platform to advance the field of computing. It conducts workshops, seminars, and various events to engage its members and provide a nurturing environment.

Joining ACM offers numerous benefits. Members become part of the dynamic changes transforming the world by helping to shape the future of computing. ACM provides tools and resources for career advancement and lifelong learning. Benefits for ACM Professional and Student members include:



Networking opportunities with over 110,000 dedicated peers. Access to ACM's Career and Job Center for targeted job opportunities.

Membership in one or more of ACM's Special Interest Groups in 37 specialty IT areas.

Participation in a global computing community through numerous Professional and Student Chapters.

Unique volunteering opportunities to gain hands-on experience and market knowledge.

Membership benefits also include:

Complimentary subscription to "Communications." Receipt of ACM's popular e-newsletters.

A full-year electronic subscription to "Crossroads," ACM's student magazine.

The "ACM Student Quick Takes" (SQT), a quarterly email newsletter highlighting ACM activities, programs, and offerings.

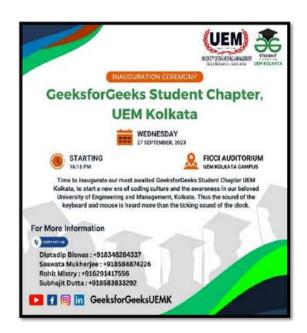




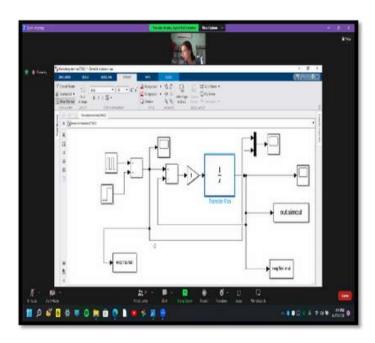
uem Kolkata ACM Chapter participated and presented the chapter activities (Workshop, Seminar, Lecture series, Coding competition etc) during the Annual Regional Meet (ARM) of ACM Kolkata Chapter on 5th August, 2023 at Calcutta University, Salt Lake campus.



SPIE & Optica student chapters along with UEMK Space Observatory Club organized a special lecture on Astronomical Dating of Ancient Indian Events: Case Studies - Vedic Scriptures and Mahabharata War by Prof. Dr. Amitabha Ghosh, Honorary Scientist, Indian National Science Academy on 29th September, 2023.



GeeksforGeeks Student Chapter, UEM Kolkata was inaugurated on 27th September, 2023 at UEM Kolkata Campus.



IET IEM Student Chapter organized a 2 days workshop on "Practical applications of control systems and signal processing using MATLAB" on 26th-27th August, 2023.



UEM Kolkata hosted the second edition of their annual quiz festival JIGISHA 2023, from 11<sup>th</sup> August, 2023 to 13<sup>th</sup> August, 2023 at their Newtown campus. It was organised by Pragya, the official quiz club of UEM Kolkata.



The Student Chapters of SPIE & OPTICA (formerly OSA), organized a photography competition Aperture'23 on 25th August, 2023. The images are true reflections of the beauty and science we celebrate.





IEM IEEE MTT-S STUDENTS' BRANCH CHAPTER (Biggest Student Chapter in the World)- June, 2023







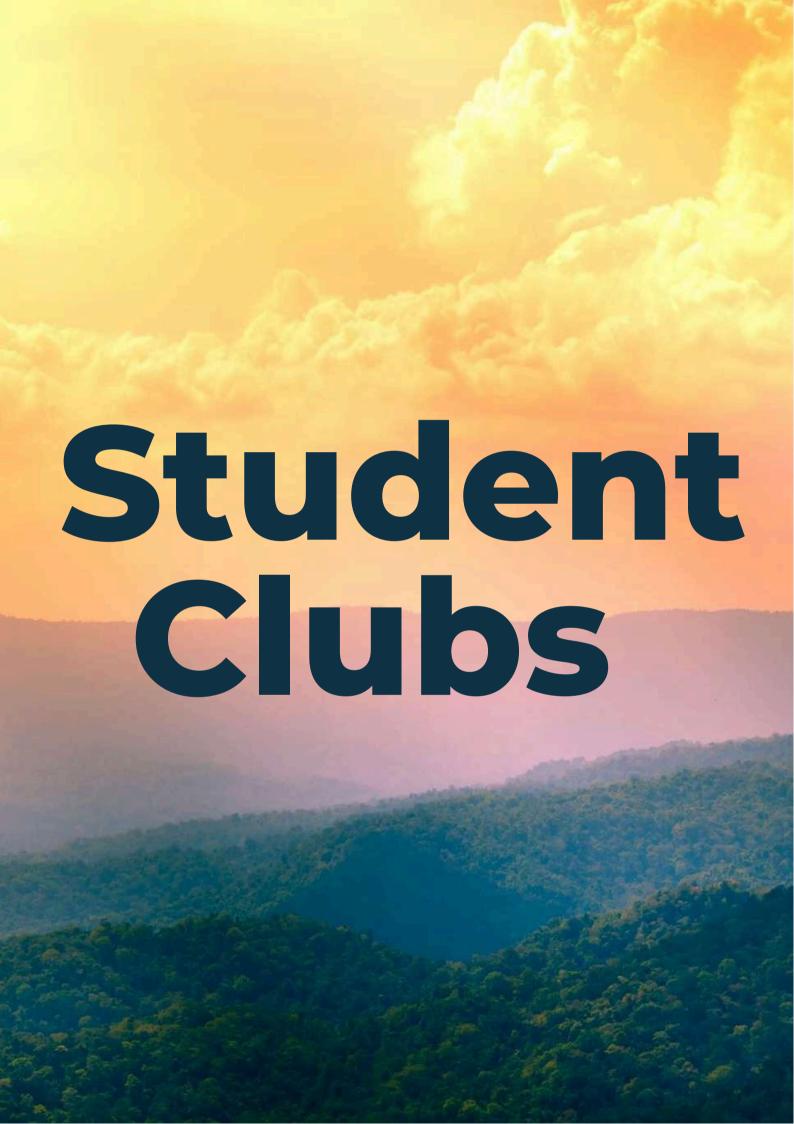
SMILE programme, organized by Rotary Club of IEM, Kokata under the scheme "Helping Hands" on 8th September 2023 Sytron 2023 (Technical Fest) was organized by IEEE CASS, IEEE EDS, IEEE APS, IEEE WIE, IEEE MTTS and IET from 23rd-30th September, 2023



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H6RC+56P, Kamrangu, Andul, Argari, Howrah, West
Bengal 711302, India
Lat 22.590287°
Long 88.220858°
07/10/23 01:14 PM GMT +05:30

Students participated in distribution of new clothes to a local orphanage near Haltu, Kasba, Kolkata in association with IEM Inner Wheel Club on 10<sup>th</sup> October, 2023

AIKYAM The HR Club of BBA
Department took Final Year BBA HR
Specialization Students for industry tour
at BMW industries on 7th October
2023





The Magazine Club of IEM stands as the heartbeat of our institute's creative and intellectual expression, proudly responsible for the curation and publication of the yearly magazine. Our club brings together a passionate and diverse group of students—writers, editors, designers, photographers, and artists—who work in harmony to craft a publication that reflects the spirit and dynamism of IEM.

Our magazine is much more than just a collection of articles; it is a vibrant tapestry of student life, capturing the essence of our academic and extracurricular journey. Each edition is carefully curated to include a wide range of content, from thought-provoking articles to creative poetry, short stories, and stunning visual art. We delve into various topics that resonate with our student body, covering everything from student achievements and awards to campus events, and personal stories that inspire.

Beyond the written word, our design team ensures that the magazine is a visual delight, with layouts that are both engaging and aesthetically pleasing. Photography and illustrations play a crucial role in bringing each page to life, making the magazine not just a reading experience, but a visual journey as well.

The process of creating the magazine is a collaborative one, involving brainstorming sessions, content development, editing marathons, and meticulous design work. It's a labor of love that brings together different perspectives, talents, and ideas, resulting in a publication that truly belongs to the IEM community.

Through our magazine, we aim to provide a platform for self-expression, encouraging students to share their voices, talents, and ideas. We believe that every student has a unique story to tell, and our goal is to ensure that these stories are heard and celebrated. The yearly magazine is a testament to the creativity, hard work, and dedication of our students, and it serves as a lasting record of our shared experiences at IEM.

In essence, the Magazine Club of IEM is not just about producing a publication; it's about building a legacy of creativity, collaboration, and community. We take pride in our role as the chroniclers of campus life, and we look forward to continuing this tradition for years to come.



"There's nothing wrong with fear; the problem is letting it stop you in your tracks."

— Twyla Tharp

The IEM Dance Club was established with this very vision—to serve all students at IEM who have an interest in dance, wish to learn new skills, or want to rekindle a passion they might have set aside in the hustle and bustle of life. Members of the Dance Club have opportunities to represent IEM at various prestigious events. The club demonstrated outstanding teamwork at the Biswa Bangla conference with Mr. Shiv Khera, where both the Eastern and Western dance groups captivated the audience with their graceful and fluid performances.

The IEM Eastern Dance Team has been enthusiastic in organizing dance events on campus and has earned accolades at the annual cultural fest, IEMPACT, as well as at other college events like IBTIDA 2019. The IEM Western Dance Team, Dcypher, is one of the most renowned teams on the inter-college circuit, achieving multiple victories including:

Winners at IBS and ISI fests
Winners at the annual cultural fest IEMPACT
1st Runner-up at Adamas
2nd Runner-up at NIT Jamshedpur CulFest
2nd Runner-up at Amity University Kolkata

### IEM CREATIONS 2023

### STUDENT CLUBS

Both dance teams have achieved victories in their respective categories and have actively participated in various college events such as Farewell, Fresher's Day, Teacher's Day, Alumni Meet, and Class of '98 of BGKV, delivering astounding performances. The Dance Club consistently leaves a mark wherever they perform, always bringing home victory. The club's primary objective is to help students understand expressions and rhythm. Recognizing that the love of dance can manifest in many forms, the club provides a platform for experimenting with various dance genres.









### EM CREATIONS 2023

### STUDENT CLUBS

Our music club is truly unique. We continuously support our junior members and work hard to expand our musical skills. Since its establishment many years ago, this club has been thriving. Music is the universal language that everyone understands, from birds and animals to us, the social creatures. It's through music that we communicate when words fall short. This sweet and passionate language never fails to express our emotions, and our club and its members cultivate this, striving to take it to the next level.

Our music group's goals are clear: to excel in music and share our passion worldwide. We participate in both college fests and events outside the college. Our singers and musicians are exceptional. From modern to traditional music, from jazz to classical, from beatboxing to drumming, nothing in the world of music is beyond our club's reach.













Our music club is one of a kind, continuously encouraging juniors and expanding musical skills without faltering. Since its establishment years ago, the club has thrived. Music is a universal language that connects all living beings, and our club members aim to elevate this form of communication. They strive to excel in music and share their passion globally. The club participates in both college and external events, showcasing unparalleled talent in modern, traditional, jazz, classical, beatboxing, and drumming music.

Our college's administrative body and professors have always supported us in our academic and musical ventures. Music makes the world a better place, and the IEM Music Club works towards this goal. Students at IEM, though divided by streams, are united by friendship and music. The IEM Music Club provides a platform for students to nurture their musical skills and showcase their talents in various events and competitions, both inside and outside the college. The club treats every student equally, regardless of background, knowledge, skills, or capabilities.

The IEM Music Club welcomes everyone with open arms. Let's make and grow with music together and fuel our passion for it.

Our college's administrative body has always been our anchor and guide, providing unwavering support throughout our journey. Our professors back us not only in our academic pursuits but also in our musical endeavors.



Our music club is one of a kind. From encouraging our juniors to working hard expanding our musical skills this music club does not ever faulter. It has been many years since the establishment of this club, and it has been been thriving eversince.

Music is the universal language that everybody speaks, from birds and animals to us, the social animals; it is through music that we communicate when words fail. A language so sweet and passionate never fails to exert our emotion and this club and its members cultivate this, aiming to take this to the next level.

The aims and objectives of our music group is clear, to ace in music and to echo our passion for music all over the world. We participate not only in our college fests but also outside the college. Our singers and musicians are unparalleled. From modern music to traditional music, from jazz to classics, from beatboxing to drumming, nothing in the world of music evade this club.

The body that has always been our anchor and guide is our college's administrative body. They have supported us all along the journey. Our professors are always backing us in not only our academic venture but also in our musical ones.



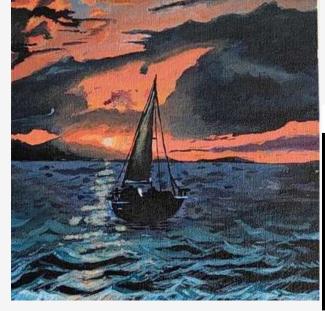












IEM CREATIONS 2023



The Quizzard Club, known for its trivia enthusiasts, knowledgeable members, and some of the best quizzers in the city, had an exceptional session from 2021-2022. Our induction events saw record turnouts for the second consecutive year, demonstrating that even a pandemic couldn't hinder the art of quizzing. We maintained two weekly sessions, except during exam periods, and enjoyed consistently strong attendance from our members.

The highlight of the year was Quizzophrenia '22, our first-ever quiz festival, and IEM's inaugural fest organized solely by a club. The event attracted a record number of participants for any quiz fest this year, with nearly 600 registrations across six events and more than 300 individual participants. Quizzers from over 10 states joined us, making it a truly Pan-India event.

In addition to Quizzophrenia '22, the IEM Quizzard Club continued to make its mark at various college events. We organized Quiz Crusade during Innovacion, the Quizzard at IEMpact, and the IEEE Quiz for Elevate. Having established a strong presence in the city's quizzing scene, we aim for even larger events under the leadership of our newly elected President and Vice President, Soumyadeep Bhunia and Anuran Paul, respectively. We also look forward to regaining our competitive edge in various national-level quizzes, proving that we are not only excellent hosts but also formidable participants.



The IEM Pet Society, established in April 2019, is led by Professor Sanghamitra Poddar and funded by our Director, Satyajit Chakrabarti Sir. Our goal is to unite students from various backgrounds and minorities, organizing pet meets to provide food, shelter, and medical care for stray dogs and cats around Sector V and Salt Lake.

We host a variety of events and collaborate with charitable organizations, offering volunteer opportunities to our members. We encourage students to join us and volunteer to help improve the lives of these animals. On our club's first day, we fed 25 dogs, and this number grew to 45 by the end of two months. A team from Radio Mirchi visited our campus, creating a video about our initiative that was aired on their radio channel and RJ Agni's Facebook page.

The COVID-19 pandemic greatly impacted stray animals, but this did not deter us. The IEM Pet Society fed up to 100 dogs daily during the lockdown. We have continued to provide food and medical care throughout this time, with volunteers handling vaccinations and medical emergencies. Adoptions have steadily increased, and support for our team's work has grown.

From feeding puppies to sharing posts and facilitating adoptions, the IEM Pet Society has made significant progress.



On July 18, 2021, a Mega Tree Plantation Drive was organized by all five clubs of Zone 8, District 3291, at Green Verge, Action Area 1, New Town. Club members from all five zonal clubs participated in planting around 1,000 saplings that day.

On July 25, a workshop on Girl Empowerment through Self-defense was held by various clubs from District 3291, including Calcutta Midtown, Rotary Club of Belur, Rotary Club of Aikatan, Rotary Club of Kakurgachi, and RC of Budge Budge. The President of RC Salt Lake Silicon Valley, Dr. Samapika Das Biswas, attended all sessions as the keynote speaker, aiming to boost the mental stamina of girls aged 15-18.

On the occasion of Rotary Day of Service, the Institute of Engineering & Management, in collaboration with the Rotary Club of Salt Lake Silicon Valley, organized an All Women Discussion Program titled Dashabhuja at IEM Management House on August 13, 2021.







### IEM CREATIONS | 2023

### STUDENT CLUBS

The Institute of Engineering & Management (IEM) frequently organizes various charity drives in collaboration with charity clubs, believing that charity and benevolence are key to success in both personal and professional life. This initiative aimed to raise awareness among women about their value and significance in society. Female professors from IEM Kolkata, along with some students, led the event, guiding women from economically disadvantaged backgrounds on the importance of health and hygiene.

An open discussion forum was held to address the insecurities and anxieties of the participants, seeking resolutions. The discussion focused on the following aspects:

The mental health of homemakers, strategies for managing stress and trauma, and the importance of meditation.

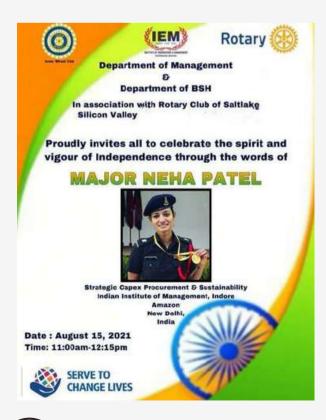
Physical wellness and hygiene, emphasizing how women can maintain their health.

The necessary nutrition required to keep the female body fit and healthy.

The event was graced by Rtn. Ranjana Mustuddi, Assistant Governor of Zone 8, Rotary District 3291; Rtn. Dr. Satyajit Chakrabarti, Club President; and Rtn. Dr. Samapika Das Biswas, President-elect (21-22). They congratulated IEM and the Rotary Club of Salt Lake Silicon Valley for this noble cause. The event saw enthusiastic participation from more than 35 women and their children. The college authorities ensured proper social distancing and sanitization protocols were followed throughout the event. All participants received health and hygiene kits as tokens of appreciation.



On August 15, 2021, a webinar was conducted by Major Neha Patel to celebrate the spirit and vigor of patriotism. More than 100 students attended the webinar, celebrating the 76th Independence Day.





The Rotary Club of Salt Lake Silicon Valley. along with 13 other Rotary Clubs from Zones 8, 9, and 10, organized a Mega Blood Donation drive at Rotary Prakash Bhawan on September 4, 2021. The event was attended by distinguished guests including DG Rtn Prabir Chatterjee, First Lady Rubena Chatteriee, IPDG Rtn. Sudip Mukheriee, DGE Rtn Ajoy Law, PDG Rtn Pinaki Ghosh, PDG Rtn Brojo Gopal Kundu, DRR Arka Nag, and several district officials.



From August 3 to 7, 2021, the Rotary Club the project contributed to this noble cause. of Salt Lake Silicon Valley hosted a Five-Day International Faculty Development Program titled "Exploring the New **Paradigms** of Communication and Pedagogical Innovation in the Pandemic-World." Driven The program participation from over 700 individuals from countries including Austria, Brazil, Canada, China, Croatia, the Dominican Republic, Egypt, France, Germany, Greece, India, Indonesia, Nepal, the Netherlands, Nigeria, the Philippines, Poland, Romania, Singapore, South Africa, South Korea, Turkey, Taiwan, Thailand, Ukraine. Uzbekistan, and Vietnam.



On September 19, 2021, Rotary Service Day, the Rotary Club of Salt Lake Silicon Valley distributed essential school kits to children from nearby slum areas. All members of





On the eve of Durga Puja, i.e. 4th October 2021, Little feet stepped out in joy as we gathered together in the outskirts of New Town Kanthalberia village. New clothes were distributed amongst 50 children before Durga Puja Along with new clothes, each child was also given toothbrush, toothpaste, powder, Soap, Shampoo, chips and a bottle of cold drink. We feel blessed to be a part of the project that brought smile to the little ones

On **16th November 2021**, an Eye Check Up camp was organized jointly by R C Salt Lake Silicon Valley and R C Bidhannagar at IEM, Management House Bldg., Sec.-V, Salt Lake under the title of "ROTA VISION". A total of 231 persons registered for the eye checkup initiative; but, 172 persons get checked up and 72 of them have got spectacles as per requirement. Overall, the programme was a huge success.



On **6th October** there was a Virtual Cultural Program. RC Salt Lake Silicon Valley joined this program as co-host. More than 15 acts were there including singing, dancing and recitation.





The Department of Basic Science and Humanities at IEM Kolkata, in collaboration with the Rotary Club of Salt Lake Silicon organized Vallev. the International Conference on English Learning Teaching Skills 2021 from December 2nd to 4th. This year, we received over 457 abstract submissions and 184 full paper submissions, with only 54 scholarly papers selected for presentation. Papers were submitted from countries such as Spain, UAE, Japan, the Philippines, the US, Germany, Nepal, Bangladesh, and Nigeria, as well as from reputed institutions across India. The conference featured distinguished list of 15 speakers and panelists from the UK, USA, New Zealand, South Korea, Kuwait, Toronto, Turkey, Australia, UAE, and India.



On January 30th, 2022, a program called VirViranga was held at our Management House Campus by Rotary District 3291. The highlight of this event was the concept of Learning the Basics of Martial Art with Tool for Self-Defense, Music as а introduced District by Rotary Webmaster and trainer Rtn. Avijit Mitra and his team.



On January 21st, 2022, the Rotary Club of Salt Lake Silicon Valley distributed quilts to over 55 people in the Ahiritola slum areas, bringing warmth and care to start the new year. More than six club members participated in the event, making it a grand success.



On March 11th, 2022, members of RC Salt Lake Silicon Valley distributed over 300 sanitizers to visitors at the 45th International Kolkata Book Fair, held at Central Park Mela Ground near Gate No. 5.



From a simple idea that kindness, when transformed into action, doesn't need to be carried out alone, they have grown from a small group to a collaborative community, now hosting a wide range of engaging and inspiring events for their members. What began as a modest vision has been realized in many ways, and they continue to strive for further growth and expansion.

We take this opportunity to thank and appreciate the President, Lion Dr. Samapika Das Biswas, and the Secretary, Lion Mousumi Paul, for leading a grateful community. Special thanks also to the Treasurer, Lion Dr. Kakoli Dutta, for her confident handling of finances. Last but not least, thanks to the Director, Lion Prabir Kumar Das, for his role in supervising and operating the club.

kindness Their motto emphasizes through actions, embodied in heartfelt words of encouragement, thoughtful of affection. gestures compassionate acts of generosity that many have witnessed, performed, and received throughout life. Their holistic journey of 2021-2022 began on June 5th, 2021, World Environment Day, with faculty members and students planting trees to make our environment a better and greener place. During the COVID-19 pandemic, the club organized a COVID-19 Vaccination Drive in September 2021, a Booster Dose Drive in June 2022, both in association with Woodlands, Kolkata, and a sanitizer distribution at the Book Fair, Central Park, in December 2021.

### IEM CREATIONS | 2023

### STUDENT CLUBS

Along with these events, Exposure to Lion's Club is honoured and proud to Academics was conducted through an announce that they has received the International Chemistry Conference in 2021. They have distributed food packets serving people wholeheartedly for 2021amongst the children of Mayapur and at 2022 To kindness and love, the things we Nibedita Bhaban for the homeless and aged men and women in July 2022.

Melvin Jones Fellowship Award for need the most!





## IEM CREATIONS 2023

### **STUDENT CLUBS**









The IEM Toastmasters Club offers individuals opportunities to enhance their public speaking, communication, and leadership skills. Chartered in December 2018, the club earned the Rising Star Silver Award last year. TM Rohini Dasgupta (President, IEMTC) and TM Arko Paul (VP Education) received the prestigious Triple Crown Award from Toastmasters International. Rohit Reddy achieved the title of Distinguished Toastmaster and became the first IEMTC member to serve as an Area Director in Toastmasters International.

The club has hosted various meetings and events aimed at inspiring people to improve their communication skills. It has also organized Industrial Connect sessions featuring accomplished speakers from across India, the US, Spain, and Europe.



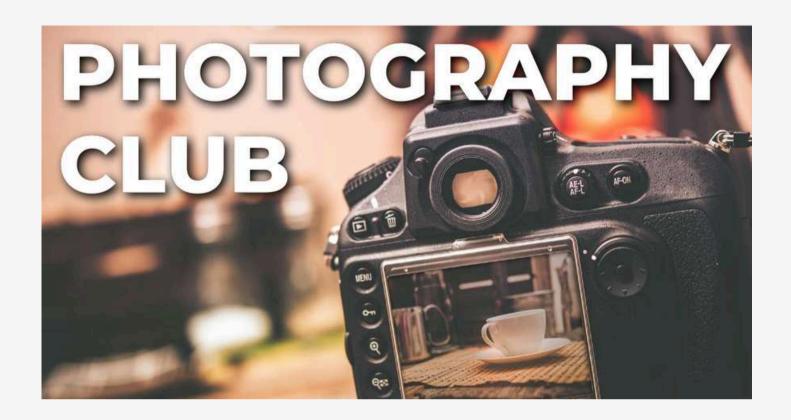




Established in January 2022, the Humor Club ensures your life is always filled with hearty laughter. We offer a wide range of jokes, brainstorming games, skits, parodies, and dramatic stories. Our goal is to inject fun into the often monotonous college life, giving students a break from their coding routines and a chance to reconnect with their hobbies and peers.

The club fosters connections through various activities, including roasts, wordplay, stand-up comedy, and memes. We maintain a respectful atmosphere, ensuring that our humor does not target minorities or the underprivileged. Always aiming high, we offer both offline and online sessions for convenience. We encourage you to give it a try—many of us are new to this, and we'd love for you to join us. All hail the IEM Humor Club!





As the saying goes, "a picture is worth a thousand words." Photography, a form of visual communication, has been a part of our culture for thousands of years. The term 'photography' comes from the Greek words for 'vision' and 'photo,' indicating its deep roots in human history. Before the advent of film, people captured images everything from lids to pottery vessels. Today, professional photographers document our lives. sharing these moments with the world through their But what if you don't have a camera? work and social media.



You could write everything down in an 130 album or journal, but that might seem dull. Why not consider taking photography as a hobby? It can be both enjoyable and accessible once you get the hang of it!

### IEM CREATIONS 2023

### STUDENT CLUBS



Here's the catch: this club is dedicated to nurturing photography skills. Anyone from our college with an interest in photography can join and advance their abilities, regardless of their background (beginner, intermediate, or pro).





Members are encouraged to use any camera device, whether it's a professional camera or a smartphone with good capturing capabilities. What we seek most is a passion and love for photography or videography. Our club offers various platforms to cover local events and participate in international and national photography and videography competitions, showcasing your talent.

So, we invite everyone to join our club, create memories, and capture them together.

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### **GRAFFITI**

Graffiti is a form of art usually written, painted, or drawn on a wall or similar surface. Executing such an ambitious idea proved to be really challenging yet fun for the whole team throughout the course of making it.



The graffiti team faced various issues and the planning, from wall selection to finalizing the idea, was a really long procedure. Having an attractive piece of art in our college campus sure enhances the aura of our college and they feel lucky to be a part of it before passing out of college. The idea was to make their work such that it can, not only attract but also engage people who passes by it. A big challenge to that was selection of design, having the color science appropriate to the campus and at the same time

engaging to our fellow students.
Thankfully our respected director sir
finalized the design and they finalized the
color science to be followed over it..

Another challenge was selecting such colors that'll be easy to use as well as long-lasting to let our hard work shine for years. It took them almost 2 weeks in the planning phase and their team started the work on the 20th of September. As challenging as it was to handle such a big canvas, it was equally fun to work and guide all the students in the team. Having a symmetrical wing structure on a wall proved to be harder than they thought but they did smart work and came up with the idea of using grid- method on the wall which helped them achieve the best base sketch they could get out of it.



The next step was coloring the wall. As an ambitious team, they had a lot of ideas of keeping the colors blended into each other and having a seamless look overall. However, as good as it sounds and looks right now, they had to do an ample amount of trial and error on the wall to achieve it.

### **GRAFFITI**

The wall texture by itself was enough problematic for the paint to blend up. For any liquid-based color to blend with another, there has to be a bit wet layer of the former color for the latter to blend in. The wall however didn't let the paint stay wet for long.

As such, they applied 3 to 4 layers of paint to achieve the beauty that's now in front of us. The unpredictable rainy weather, and the fear of dripping color, they worked as a team took care of everything. By the completion of our graffiti, all of them had a great experience, learned a lot about the dos and don'ts of it, had a great lot of fun, and of course a satisfying result. And the team would like to mention our campus working staff too, they were supportive and appreciated their work every single day which brought high motivation to them.



Everyone in the graffiti team invested quite a lot of their time and hard work into it. It feels blessed to have their skill be of such beautiful use to our campus and look forward to adding more such art around with our dedicated team-graffiti.

# Start Ups

### **STARTUPS**

### **WEALTHY WASTE**

Wealthy Waste venture was founded in the year 2019. It started with the idea to minimize the plastic usage. This venture was initiated by Founder Sayak Acharjee and Co founders Anish Pyne & Zainab Sultan.

The products of Wealthy Waste are made from recycled materials and are almost fully biodegradable. It uses recycled materials (i.e. paper, cardboard etc) to manufacture their products, thus increasing and promoting the reusability of waste.

Some commendable achievements & recognitions.

Wealthy waste has been recognised as one of top student startups of the country by Wadhwani Foundation & in state. Also it has been awarded as the best student startup by Institute of Engineering and Management, Kolkata. Team Wealthy Waste has been appriciated by MKH Sancheti Public School, NIT Silchar, NIT Patna, TEDx SIU, IIESTS, organisations like The Art Of living foundation, Nava Jeevan Lakshya Foundation. Wealthy Waste has also been highlighted by numerous newspapers (Lokmat times and The Telegraph.)

Founder Master Sayak Acharjee has also won Best paper award in state (ICCAES 2019) which was based on the idea "Waste is innovation " - tag line of Wealthy Waste. Zainab Sultan one of our Co founder, was also one of the semifinalist in QS I Gauge Re think Tank (in National Level).

Weathy Waste is also organiser of one of the classic, youth pulling & gigantic event like "PERIVALLON 2020", in collaboration with 50 plus brands, 40 plus institutions, 20 plus entrepreneurs and more than 1000 participants. This was a platform to boost up all the upcoming startups & business ideas across the nation. The main motto of organising this event is to ignite the young minds of the emerging startups and entrepreneurs and thus to provide support and mentoring to them to move a step forward towards " Atma-Nirbhar Bharat" (Self-Reliant India).

# IEM CREATIONS | 2023

#### **STARTUPS**



And all success credit of this venture goes to the eminent, hard & smart working team members: Sanchita Hazra, Prateek Majumdar, Madhurima Mukherjee, Harshit Anand, Rohit Reddy, Swapnamoy Das, Sayan Samanta, Sayani Dey, Subhranil Kundu, Sayanti Dutta, Shreya Dutta, Mayukh Ghosh & Rohini Dasgupta.



# SCONTO

Sconto is India's largest Student lifestyle community, founded by the IEM alumni: Sourav and Sohang. It focuses on bridging the gap between the world's largest student tribe and Businesses. With its KYS technology, Sconto verifies student identities and allows hyperlocal, national, and international brands across all verticals to precisely reach a niche customer segment, online and in-store.

Sconto makes students' lives and spending easier, and no other product in the market offers the same features. Having received pre-seed funding of €150k, it stands at a staggering valuation of \$2.5 million and continues to experience exponential growth with each passing day. Sconto aims to build and reward the Indian college student ecosystem.

The Sconto A-Team is about 20 people, backed by IEM alumni like Sohan and students Debjeet, Aritro, and Arpan. The endeavors of Team Sconto have even attracted the eyes of foreign investors. With a vision to build a one-of-a-kind product, Team Sconto continues to strive every day to grow and innovate on all fronts of the business.



## ZERO DOLLAR SECURITY

Sohang Sengupta, the Founder of ZeroDollarSecurity Community and Designated Partner and CEO for Cibertix Technologies LLP, has always harboured an acute passion for Cyber Security, ever since the beginning of his +2. His knowledge in Cyber Security and the prestigious selection at the KWHS Top 30 Young Leader, University of Pennsylvania, Wharton School of Business helped him bag his first internship, even before starting college, with one of the NIFTY 50 companies of India. This exposure taught him how to harness the power of cybersecurity as a business enabler and value creator. He then went on to become the youngest member of the Innovation and Entrepreneurship Development Centre (IEDC), IEM, funded by DST, Govt of India, in his first year. The next year, he founded the first Cyber Security Cell under IEDC, and nabbed his second internship with RSA Security, DELL-EMC. He came back armed with a comprehensive knowledge of product

development, testing and value chain of software products, and started ZeroDollarSecurity, India's first crowd-sourced and crowd-skilled cybersecurity company.

ZeroDollarSecurity aspires to arm all enterprises, especially small and macro ones, with reasonable security features, and better the community as a whole by educating, mentoring and providing resources to students, free of cost, as their name suggests. Creating a value ecosystem where they work on real time, real life problems pertaining to the industry, while helping out small businesses.



#### **STARTUPS**

Institutionalisation of the Triple Helix Model has always been one of his goals. This startup's whole mode of operations is online, with a few offline student chapters at acclaimed institutions like NIT Durgapur, Jadavpur University, and IEM. All of the colleges and institutions under their umbrella use their resources and handbooks, which have been verified by industry members so as to have a holistic development.

ZeroDollarSecurity has already mentored and trained more than 500 students, and quite a few employees from reputed IT giants in India. All ZeroDollarSecurity community members then utilise this model to educate and convert more people to this noble cause. They have established chapters at Tamil Nadu and Telangana, with new ones opening in Delhi and Pune.

He got selected by MIT Bootcamp for Innovation and Entrepreneurship for this startup, and it has been nominated by CIO Insider India as the Top 10 Indian CyberSecurity Service provider, which will feature in late July, 2020. He was also appointed as the Chief CyberSecurity Mentor at the Centre of Excellence, ZeroDollarSecurity at Jadavpur University.

His goal is to sustain this model of commodizing niche technologies to benefit society as a whole, and work towards the betterment of student resources and opportunities. But the question he gets asked most frequently is how does he sustain a model which has entirely free educational resources and has no discernable profit to the outsider's eye? In the words of Sohang himself, "I use a three pronged approach, namely, cross learning, train the trainer, and the utilisation of the vast talent pool of this community as a parent company (Cybertix Technologies LLP) resource. Our members learn from each other, and from our resources, making it a completely crowd skilled initiative, and all of them take an oath to teach at least 5 others about the cybersecurity domain, thus spreading our outreach even further. A part of profit earned by Cybertix Technologies is channeled into ZeroDollarSecurity, which allows more free growth of the niche innovative products we aspire to develop. In return, Cybertix can put this brilliant young skill pool to use."

# STARTUPS MENTRO India's first Social Upskilling Platform

SJaideep and Debayan are two crazy tech-savvy founders from the heart of Kolkata. Jaideep Prasad who is the CEO of Mentro, has past experiences at companies like Vedantu, Jio, Google and Trell. He is also a recipient of the Gaur & Chopra grant from Paras Chopra, CEO at Wingify.

Debayan Ganguly is the CTO of Mentro, was offered roles at places like Amazon, Dublin and Google, California. But he chose not to proceed with them and joined Mentro, full-time.

On Mentro, you can discover content creators and mentors for Software engineering and upskill yourself to crack interviews and grab offers from companies like Google, Amazon, GoJek, CRED, and more! You can book 1-on-1 Live sessions, join communities and programs from mentors of your choice.

In this chaos of typical social media, Mentro is your one stop destination to upskill socially!





#### smart helmet

Altor, a smart mobility company working to reduce two-wheeler accidents and deaths resulting from them, has existed with the solitary goal of using technology to elevate the safety standards of two-wheeler riders on the road. We believe in this mission and hence all the solutions we work on, are centered around this. We appeared in Shark Tank India Season 1 and successfully managed to get offers and validation for our work from all the 5 sharks. Apart from the first product which is the fully built-in smart helmet, we have also modularised the technology to increase our TAM significantly, and have started serving our first fleet client Emcure Pharmaceuticals, and direct sales client Royal Enfield. In our short life, we've been supported by DST, Govt. Of India, IIIT Hyderabad, VCATS, and Sharks Aman Gupta & Namita Thapar.





# LTZ II24



# IEM CREATIONS | 2023

#### ENGLISH TALK DRAMA - SHRUTI NATOK STORY OF FATHERLY LOVE IN AFRICA

#### Introduction

1) Gora Chakraborti- A teaching faculty in IEM (Institute of Engineering & Management), Kolkata.

I have composed the drama, Directed and acted.

2) Ishita Dey – A teaching faculty in IEM (Institute of Engineering & Management), Kolkata, she has acted and edited some portions of the drama.

#### **Characters:**

- 1) Ugamba- Now 55 --- Illiterate but dare devil, Speaks Broken English
- 2) Isha Now 25---- Highly Educated , Speaks fluent English. Born in Africa. By origin Indian.

#### The drama starts about Ugamba when he was a boy.

Ugamba – I was in Niger, Africa . Very very poor place . Everybody Fighting and fighting . Boy fight boy man fight man. I was a poor boy . No mother.

Father beat and beat me , I cry , I fight my enemy, one enemy boy died .

Isha- How did that happen?

Ugamba - I hit him on head, he dead, I run, run and run. then I in train. I am safe. many boys in train sing. I sing.

'Shosholoza

Ku Lezontaba

Stimela Sipum'e South Africa'

Isha- What a lovely story! Looks like you were dare devil even as a boy!

Ugamba- A man say ticket , I say no money, no ticket .He said -get down, I get down.

Isha- Oh.. without ticket.

Ugamba- No food ,no food. run. I run. One day , two day. I very weak, very weak . Your father help me. Gave me food . Gave me shel , shel ...

Isha-Shelter

Ugamba - Yeah yeah shelter

Isha- Oh! So, this is how you met my father. You became friends with him.

Ugamba- No friend. Body guard, bodyguard.

- Isha My dearest Ugamba, you were the right man for the job.
- Ugamba- Then cooking, then car what you call it.
- Isha The first one is called 'Butler' and the second one 'Driver'.
- Ugamba- Yeah. Butler and Driver. Your father save me , my life and everything. He came from India.
- Isha Yes . My father was very naughty and ferocious when in school, which was located in India. All he ever did was complain to my grandfather about every little thing! Not being able to take any more of this, he threw my father out of the house. Ever the little dare devil, my father did not look back and decided to take fate into his own hands. In one of the books he earlier read, called 'Mountain of the Moon' written by a Bengali author, protagonist of the tale, Shankar, ran off to a quaint little place in Africa.

Ugamba- Oh! Africa , our Africa Isha - Ya.

- Isha My father overcame all the initial hardships with courage and bravado. He went on to own a factory and later set up an industry. Over the course of time, he made many friends and enemies; well, more enemies than friends. And some of them were rather too dangerous!
- Ugamba- Yeah. .. I know , I had a dagger . My best friend dagger always with me . I sleep with the dagger now also.

Isha - Is that so?

- Ugamba For me life tough and life rough. One day your father said " Ugamba for my daughter four year old Isha you are her God Father" .
- Isha He tried to explain the same to me when I was four. He said, "My dearest daughter Isha, life is difficult, never smooth. As per the Italians, one father is not enough in a lifetime to tackle all problems.. From now, Ugamba will be there to protect you and look after you as a father." I asked father, "But what about my little brother?" Father replied, "Don't you worry, child, your mother is now taking care of him."

Ugamba - I know, I know.

Isha- I distinctly remember. It was my fifth birthday. My Mom and Brother were very very excited. That evening, my ma was singing a lullaby in Bengali

'kicui jokhon valo lagbe na tor piyano bose tui bajabi re aye khuku aye aye khulu aye.



- Ugamba- Good Good, very good.
- Isha- All of a sudden my father shouted, "Ugamba! Catch my daughter and run away! Quick!. He also asked my mother to run with my baby brother.

  I remember closing my eyes. The next thing I knew, I was clinging to your back in fear,
- Ugamba. And everything else just went blur after that.
- Ugamba- They attack your Mom and Brother, I violent. I kill two enemies with my dagger . But they already kill your mother and Brother.
- Isha Oh.. my God! How ghastly!
- Ugamba The leader attack your father on head very serious , very serious .

  Father very pain , very pain. I hit the leader with dagger but he ran .
- Isha Ohhh no! What happened then?
- Ugamba Next day Hospital. Father dying . Father called you Isha and Ugamba .

  Before death father told me " Ugamba I am gone now you will be her
  father not God father " .
- Isha Yes, I remember, I remember that my dear Ugamba. Father also told me before dying "Isha my dear daughter, teach Ugamba how to read and write. Teach him good English and Arithmetic."
- Ugamba- Arithmetic I could never . ha ha haaa.
- Isha But Ugamba, people will cheat you if you do not learn arithmetic!
- Ugamba- no no no . They fear my dagger . I honest , I no cheat them . They no cheat me.
- Isha That is all very good, but as I grew up, my boy friends never visited our house only because they feared your dagger! Only my female friends dared to step foot into our house.
- Ugamba- Your boyfriends bad, they no love you. they love you body.
- Isha Ugamba, I am old enough to take care of myself and protect myself from bad boys and men!
- Ugamba- When you became more senior you went to America . I got very pain .
- Isha Yes. I had to. There wasn't a single university here that offered higher education in my specialised subject.
- Ugamba- Edu, ohhh. I know, reading books good. You missed me?
- Isha- Of course I did, Ugamba! Yes, I did find that in America, my studies and learning was rather good but it is such a shame that only the body of the people there was white. Their minds,...huh! Plain black. All they truly love is money.

Ugamba-Very bad, very bad.

Isha - Please don't mind, one question.

Ugamba-Yes.

Isha - But why did you not marry?

Ugamba- I loved the girl , I was ugly but she loved me , she told me. You are honest, Ugamba your mind beautiful, I loved her very much , I thought marriage but she died .

Isha-Poor dear! How did that happen?

Ugamba- Accident, Car accident. I caught the man. I kill that man.

Isha-I am very sorry, I should not have asked you this question.

Ugamba- Alright, alright but many night I saw her in sleep talk to me. Now forget it. Today your birthday 25. Here is cake.

Isha- How wonderful! I must thank you for this gesture, Ugamba."Lallaa, lallaa, lori doodh ki atori Doodh men bataashaa, munni kare tamaashaa"

Ugamba – You are 25, I am 55

55 and 25

25 and 55

Isha- Let us cut the cake you brought for me. Where's the knife? Oh! Here it is.

Ugamba- (No Knife).... Hold my dagger, cake cutting with dagger.

Isha- How funny! Then first you must practice to have dinner not with a spoon, but with your very dagger.

Ugamba- That need two dagger.

Ugamba - Who is that? why knocking door? WE ARE POLICE! OPEN UP!

Isha- Why is the police knocking a gentleman's door?

Ugamba - Who is Gentle man?

Isha- Why, you?!

Ugamba - Me! Gentle man .... Ha ha ha

Ugamba - Lady police?

Isha - Ugamba, how many people did you kill?

Ugamaba - 1..2 3 .4, I killed 4. You none

Isha- No, you are wrong; I have blood on my hands as well. I killed a man during my stay in America.

Ugamba - How?

Isha- He was a young American man, who was my friend. A really good friend. Or so I thought. One day, all of a sudden, he said, "Isha I want to make love to you". I was surprised and taken aback! I asked him, "D...does that mean you want me for my body?" He said, "If that's what you think, then it is so."

Ugamba- Very bad. Very bad

Ugamba- My God! , no no you not killed him , I killed him .So total I killed 5 , you killed zero.

Isha – How is that possible? The murder happened in America! I committed it!

Ugamba- No problem . I went America - false document. It is possible, killed him and came back. Just tell me the date. Tell the place.

Isha- Oh Ugamba, let us cut the cake and make one last happy memory alongside each other.

Ugamba - After cake cutting vanish the dagger but the date I want . Place I want. Isha- I will have to think about it.

Ugamba - No thinking. You give me the date and place.

came back home to you.

(Heavier knock)

WHAT'S GOING ON INSIDE? WHY AREN'T YOU OPENING THE DOOR? TOLD YOU WE ARE POLICE!

WE WILL BREAK OPEN THE DOOR.

Video of this Drama has been uploaded. To enjoy the Video, click in the following Link and subscribe:-

YouTube Link- https://youtu.be/C8p53bcoKNY

-Prof Gora Chakraborti

## T'S NEVER TOO LATETO START

I hope we stop
These Atrocities
And bring about a New Day
Sunshine like Love
No heart that has Hate,

No one teaches you to differ
Based on Religion, Colour, Caste, or Race
All you learn is the language of love
Nothing except Equality and Grace.

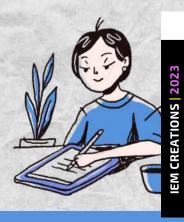
Let's create that world for our children
Independent of the sustaining Norms of the society,
Cause we have already been Scarred
By the Evils of the Community.

Let's begin here and Now Before it takes over Humanity. It isn't too late to Start; It's Never too late to Start!!

**Aakash Mehta** 







# THE DRUNKARD'S

The rose that kisses the moon at night,
Bathes itself in dewdrops,
And sings the song of a wayward drunkard,
Waiting for the rains to fall.

The rains that kisses the earth right now,
Forgets the wayward drunk,
And the train that stops for none so worthy,
Looks for a reason to halt.

The drunk on his way home,
Wanders through the streets,
And tap his boots on the wet Cobblestones.
While the girl who sits by the window at night,
Sings to the newfound tone.

This went on for nights
And the nights did wait.
They did meet once,
And once was fate.

The drunk had the roses, The girl had the moon. They boarded the train And left the night soon...

**Aakash Mehta** 





## UNTANGLED ONORMS

Unfolding the mysteries of oneself,
As she proceeded to tighten the knot with another stranger,
The tangles of life was hitherto unknown.
The norms of society, the vivacity of bewitching societal
pressure,

Her independence was almost taken
While she was forced to smile.
Questioned on her every NO,
Questioned on her every belief,
She was forced to get tied with the strangles of an unknown
To make him her LIFE.

To make him her CHOICE.

To make him her wish.

To be with him even if she didn't WANT to.

~Addrita Basak







# RENGERAL

Nightfall
and the sky is you,
my hands caress the beads
and I picture
my fingertips touching your hair.

Mother,
in this night
there is nothing that is not you.
I'm talking to you
in tears

and in words like falling stars
about how the road feels so long today and how
I've forgotten how to move my feet.
Could you send a sign
I ask;

the road is so long and I've lost my way.

But there is no sign!

Mother, I should have known,

Instead you take my hands in yours and say:

Come; I'll walk you Home.

**Aakash Mehta** 



#### AWAITOYOU

Unfolding the mysteries of oneself,
As she proceeded to tighten the knot with another stranger,
The tangles of life was hitherto unknown.
The norms of society, the vivacity of bewitching societal
pressure,

Her independence was almost taken

While she was forced to smile.

Questioned on her every NO,

Questioned on her every belief,

She was forced to get tied with the strangles of an unknown

To make him her LIFE.

To make him her CHOICE.

To make him her wish.

To be with him even if she didn't WANT to.

~Addrita Basak





## DWICH

They say that he is worse than Lucifer himself,
That he doesn't deserve a place in the so-called heaven,
That he doesn't have a heart,
That he can't love!

Or maybe the devil was born too, from a mother's womb, Maybe, he had a heart, which cried on her death.

They say that she was a raging BITCH,

That she withheld rude and arrogance in her very soul, that
can compete the devil by killing her blood,
that she was unbothered!

Or maybe, she once knew how to love, Maybe, she was the witch who healed others' wounds with her blood and white magic.





But have you ever looked beyond that veil they put on? Those hearts cried blood on every beat when their souls detached. Have you ever seen it? Maybe, maybe not. But you can NEVER feel that same pain in your throat that they had felt. So, if you can't see anything long-term or don't have any intention of staying FOREVER, then there are hobbies to have, then hearts to break. Let them rest until the DEVIL finds someone to fix his broken horn, and the witch gets someone who could love her black cat more than she could do herself.

#### Manisha Saha





## EAREWELL

Like the wind, you came into my life,
From the seas. Gushy, chilly, and strong.
You didn't just make me sit on the balcony and ruminate,
Instead, you made me sing a song.

There was not a day I would not gaze
At these mighty oceans and endless lands.
Remember, in our unkept promises, there was one,
'Walking forever, hand-in-hand'? Remember, one day while I
was sitting alone

With my dreams fettered and heart in dismay, You sat beside me, burying your face in my chest, You didn't just work like morphine, you made my day.

Like the cool mesmerizing breeze were you,
The man with a hut on the shore was I
Leaving me homeless you were gone...
Gone with the wind, without a goodbye.

#### Shivam Das





# AMASURVIVOR

I was nine when I was in two Waiting for my fairy Godmother to turn my wishes true. I heard screams, I saw unnecessary fights, Struggled through the days, cried alone in nights. I stumbled on words, let alone read a rhyme I was a survivor, I survived the time. I was eleven when I lost my loved one, The mother of my father left her son. Our last goodbye was never said, The sky had a new star but empty was her bed. I felt her presence whenever the wind would chime, I was a survivor, I survived the time. I was sixteen when we moved out, I left a friend behind with no doubt. We grew together, we had fights, But whenever I was in dark, she turned on the lights. I missed my friend, I missed my partner in crime, I was a survivor, I survived the time. I was eighteen when he proposed to me, It was really cute though he was not on his knee. He promised a beautiful world, he fulfilled it too, Does it matter, where the love vanished as soon as it grew? Strongly I chose the things that were prime,

I was a survivor, I survived the time.

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I do not count numbers, I count my strength,
Toiled these years and at length.
A life so serene may or may not be ahead,
I still wish to smile when I lay dead.
One can find a candy too, if one tasted the lime,
I am a survivor, I will again survive this time.

#### Zainab Sultan





#### TO SEE THE WORLD IN A GRAIN OF SAND

Vulnerable and clueless I arrived on this planet, as we mortals usually do. I was just like you I'm sure, our births diverse in time, place, and circumstance, but with the same first, excruciating gulp of air and an ear-piercing wail, so precious to our parents. I shall leave same as you too, perhaps with one final sigh, if I'm lucky, or maybe with no physical display of my departure. Now in between these two events, no one person is identical to any other. We have our own stories, every single one of them as unique as us: incidents that shaped us, circumstances that broke us down and built us up, people that influenced us, and decisions that molded us. If you are one of the lucky ones that have had the privilege to grow up with conventionally exciting or interesting happenings, I'm glad for you! Hang on in there, and never take that life for granted, let it slip away some time and leave you feeling rudderless and regretful. For many of us though, it may feel like our lives are as bland as plain white rice, unseasoned, no different than our neighbors'. Often it may feel like our life has no "meaning"; meandering in space and time, we float, drifting from one impulse to the next, always trying to survive the brunt of our own actions, or the next obstacle that the Universe throws us.





The daily grind and predictability of our routines start getting suffocating and inevitably lead us to wonder if this is all there is to life. What, then, was the purpose of having been born? Where is that "sanctity" of life so vivaciously extolled since time immemorial? What is the goal?

Perhaps we have been looking at this wrong. While changes in external environments might be immediately apparent, thrilling for some and terrifying for others, it is internal changes that make us see mundane events in a whole new light. It is our individual perceptions of reality that make a single story interpretable in a million different ways. What is boring to you might be enviable to someone else. The goal, then, is not to conform to any one standard of living. Since your perceptions create your reality, spend some time on the welfare of your mind. Take gentle care of it. If your comfort zones don't serve you anymore, try and ease out of them. Even if you don't succeed, there are lessons to be learnt that serve as a foundation for more successful attempts.

True change comes from within. If you can keep your mind and heart malleable and curious, life, howsoever it may be, becomes an adventure in itself; nature takes on the role of teacher and guide. Internal growth always reflects externally in inexplicable ways. There is also a deep-rooted satisfaction in learning, which might not necessarily be scholarly. Little growth is better than none, and as long as you keep growing you atternal.

Megha Ghosh Dastidar



# THEREDED AND AS

A man was sitting on a park bench on a pale winter afternoon. He looked up to his left and saw a bunch of dahlias winking beautifully at the pale winter sun. "So pretty," he thought. A girl probably 17 or 18 years old was looking at the same flowers. There was a faint smile playing on her lips as she went towards the bunch of blood-red dahlias. With a swift movement, she plucked two. As she turned, she saw the gardener hurrying towards her.

"You can't pluck flowers", he shouted angrily.

"Oh! But why not?", she asked.

"The flowers look pretty here. They are God's creation. You can't break them," he protested.

"Why does your God make such breakable things, then?" She finished shredding the flower and threw the stem at his feet. Then she skipped away, towards the man sitting on the bench.

"What's up", she said conversationally as she sat down.

The man passed her a newspaper.

Maid Arrested For The Murder Of Two, it said.

"Rat poison. That is something a maid can easily procure", the man replied.

"The remaining family members are still in shock."

"A mother and her teenage son are poisoned. Yet nobody shows interest. How pitiful." As she spoke, she twisted the newspaper cutting around her fingers.

"You have her eyes, you know," said the man turning towards the girl.

"That woman we killed, you mean? Her eyes?" She stared straight ahead.

"Yes. Wide, brown eyes."

"But her eyes had shut down in fear. Mine has never known fear."

"Which is why you were the killer, not the prey."





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"Remember how she pleaded with us? How she pleaded with me specifically?" mocked the girl. The man sneered then. It was perhaps not possible for him to smile normally.

"Her speech was slurred," he said his tone still mocking, "the poison was working."

"Kepone wasn't it?", the girl asked.

"Yes. We wouldn't have used rat poison. The poor maid just got unlucky."

"It was quite convenient that they had fought before. It built up a case against her."

After a pause, she added, "Do you think I should miss that woman?"

"Why do you ask?"

"At my school farewell today, a girl hugged me and said she felt sorry for my loss."

"There is nothing to be sorry for. I knew you wanted to kill as much as I do. All those puppies you killed." Her father got up and said, "I have to go back and play the role of the devastated husband. You'll have to play the role of a broken daughter who just lost her mother and brother."

"I can do that," she replied.

After a long pause, she asked, "So who's next? This is just the beginning, right?"

"Yes of course."

**Debjit Paul** 





# AQUEST FOR THE ELUSIVE GOLD!

Being born and brought up in the land of dreams it's never easy to bid adieu to your greatest inspirations, your loveliest kins, and your closest allies. Yet the devastating pandemic has shown us how much brutal a single droplet can be. And now as we brace to survive this unprecedented wave it's not the best of times to retrospect our faults and dig in deep to call for a change. But as I've always believed it's better late than never and a fruitful debate and a positive opinion are quintessential for a prosperous democracy. The scenes all over the country seem as grim as ever and belonging to a Bengali-educated middle class it hurts deep to see the once so great city, the richest and of lands getting misunderstood and poorly purest portrayed. Trust me in no other city in the entire world will you get the same love and affection as in a Bengali colony or a household. Even an enemy never goes back hungry from our 'Barir Duar'. Maa er hater payesh still showers the greatest of blessings diluting and breaking all futile religious cultural or social stereotypes and boundaries. Maa and matri in Bengal signifies Durga, Maa Ganga. The Diwali exuberance in Bengal stands witness to our religious amalgamation where the 'Pradips and Phuljhuris' manufactured by our Muslim brethren far away in the countryside, add the quintessential salt to celebrations. Even the staunchest of Hindu Brahmins in the & marvel over a plateful of Biryani during festivities.

A few hours of wait doesn't seem to bring any significant difference to their moods. Even the divine December ushers a new basket of joy with the advent of Christmas eve. Being a Bengali you simply cannot miss out on an opportunity to celebrate, and give 'guchiye' adda with your 'Sango -pango', and of course we millennials will chip in with 'apna pawri' and 'Rambo'.

Being one the most culturally prosperous states of India, Bengal is filled with surprises. Be it the different religions assimilating into one or the lovely cultural events that seem to make up the glorious land that it is. There is much more to Bengal than just red bindis and dhoti kurta. There are a lot of diverse elements of the culture of Bengal, and it's really tough to begin from a single note. Bengal has a special love for its majestic Red. Let it be the 'Lal par', the Enormous Red Buildings of the Colonial Era, or the great Red revolutions it's witnessed over the ages. Bengal simply loves to stand up and take it head-on. Right from the days of Khudiram Bose to Subhash Bose's 'Tomra amai Rokto dao' the valour and the angst to revolt simply got ingrained in our veins. But in tandem, the likes of Rabindranath, Kaji Nazrul, and Bankim Chandra voiced the emotions of the masses impeccably. And if it ever fell short the great Satyajit Ray ushered a new era in the art of filmmaking in India. The simplicity and the exhibition of his eternal feelings and emotions mesmerized and bewildered even the greatest of the late 20th century. Finally an Oscar and a Nobel for the two greats Satyajit and Rabindranath still stand witness to our rich cultural outrage.

Yet one of the most distinguished features of our Bengali culture has been the inclusiveness in our hearts. Bengali never quite restricted itself to a single identity or faith. The Ghotis,

Banjadis, Chimleses, Paksiar wands, Arrandibiasis, have acit, become an integral part of present-day Kolkata and Bengal. The current rumours and propaganda to tag us and divide us on the basis of long lost lines have not been taken generously by the entire fraternity. All those irresponsibles are always welcome to come and visit the great streets of Barabuzaar, Park Circus and Park street to get a vivid idea. Given all these the diverse cultures bestowed upon us by the colonial era have rather enriched our roots. Haldirams ka laddoo, Nahoms delicacies, China Town, PeterCat's Chelo kababs, and last but not the least the quintessential Arsalan Biriyani are as much a part(if not more) of our identity as a K.C.Das or Bhojohori Manna. All these certainly remind us of the Golden days of erstwhile Bengal.

But quite different from the popular perception the Golden age of Bengal wasn't always all that popular. The rich culture, the Aristocratic hookahs, and walls hardly reflected the pains and sufferings of the people at the roots. Farmers and labourers continued to face the brunt and given the 'Freight Equalisation Policy' and the loss of livelihoods brought them down to the ultimate apocalypse. And let's not forget the instability and impoverishment caused by the rapid immigration pre or post independence. The common man was fed up and true to his real nature the Bengali youth was back again to revolutionize, although it wasn't quite as proud as one this time around.

The Naxalbari Andolan and the years of Radical violence further added to the state's miseries and instability. Finally, after a lot of distrust, bloodshed, and years of turmoil Bengal turned back to its eventual Left. It found a new Messiah in someone who would rule and dictate terms for the decades to come. 'Operation Barga' and several other pro-farmer policies relieved the villagers and rural households. And with that came the politicization of every aspect of Bengali life. Religions and castes slowly gave way to political divide and fierce violence. But here came the Liberalization of our Economy and a matter of utter bewilderment of the Left clan. Bereft of any significant political opposition the onus was now on them to bring the Bengal Economy back on track. But certain political and ideological commitments, frequent strikes, and hartals didn't stand strong to build a case for Bengal. Then at the turn of the century with the advent of a new man at the top, things started to get better. Although quite late they still had the numbers and the authority to restructure the system. But as it always happens, in Bengal there's politics above all, be it 'Sukto or Doi potol'. The left's repetitive political blunders at the national level, lack of trust at the state level, and incessant violence at the ground-level paved way for yet another mass uproar, yet another revolt. But this time it was a bit different. Bengal the land known for its maestros and men would suddenly have its own Meye or Didi taking charge after guite a long long time if not the first time. The left which had always banked on the rural vote bank and ground level strength lost its most important asset as well as its identity.

And with that Bengal found its own Didi its Beti, well just its Beti! Having turned back the largest of investors and businessmen the distrust went to such a level that the situation never improved much to date even after. The culture, the knowledge, and the Bengali vibe all remained, but what became evident was that Bengal had started losing its people. In search of Jobs, better opportunities, and lavish lives the educated youth preferred to look out of their nest. The generation of conservative policies and political involvement had created a system rusted and waiting to be dislodged. Yet the Government of the day did bring about quite a few beneficial 'Prokolpos' for the rural households and the impoverished. Yet the great urban planning and development, the advent of wealth infrastructure and businesses remained elusive. The repeated tension between the state and central Governments for decades certainly added to the wounds. And today once such a great land of 'dreams and opportunities and hopes' braces for the next jolt.

And yes as we fight this unprecedented crisis let's set aside all political, social, or cultural differences and stand up for what we are, who we are, and the land which gave us its all. The onus lies on us, on every Gopal who craves for that Misti doi at least once a day, every Puja who misses the Darjeeling Mist, every Kabir who misses the Tramlines, and every Arpita who still waits for that 'bhor' 4 er Mahalaya. The 'Sujola suphola shosso shyamala' of our land still stands witness to decades of our greatness, our glory, our dominance.

#### **Suddhasatta Chowdhury**





#### The Algorithm of Friendships

In the matrix of connections, where nodes intertwine, I ponder the algorithm of friendships, divine. Each link a variable, carefully defined, In the code of camaraderie, designed. Friendships, like functions, called from the heart, Bind objects together, never to part. Yet in the loop of time, some variables fade, Leaving traces of memories to cascade. We debug the loss, like errors in a script, But from the cache arise friendships, new and crypt. For life's repository is ever-changing, With variables of friendship, rearranging. In the recursion of sorrow, we find solace anew, As new objects emerge, like data in lieu. Their methods heal, their presence, sublime, A testament to the algorithm of friendship's runtime. So let us optimize the bonds we hold dear, For in friendship's class, there's nothing to fear. Through loops and arrays, through bytes and byte, Friendships are the algorithm, that enriches life.

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#### Echoes of Resilience

- Amreta Dey

Amidst the towers of wisdom's keep,
There dwelt a soul, whose journey ran deep.
Through corridors of doubt and shadows steep,
She wandered forth, her resolve to reap.

In lecture halls where knowledge gleamed,
She chased the echoes of dreams unseen.
Through valleys of challenge, where doubts convene,
Her spirit soared, steadfast and keen.

With each trial faced and hurdle crossed,
Her resilience blossomed, never lost.
Through storms of uncertainty and tempests tossed,
She found her strength, no matter the cost.

Like a phoenix rising from ashes untold, She embraced her scars, her stories bold. Through the labyrinth of youth's unfold, Her essence shone, a tale retold.

So hailing this wanderer brave,
Whose journey a turbulent wave.
In her resilience, we find the stave,
To navigate life's current, strong and brave.

#### **Deceitful World**



~ Ansh Kumar

The world we live in is a very peculiar and can confuse us in many ways. It forces us to question and doubt ourself on every step we take. It presents us with such wonderful illusions that we fall for it. Even the greatest minds who try to see through these illusions fall for it.

If you ask someone that in how many dimensions do they exist, then the obvious answer will be three dimensions. Even if you browse on internet or even many scientists will give you the same answer, three dimensions, three perpendicular axes in space, normally denoted by x, y and z. But what if I tell you that you exist in four dimensions instead of three. You will think that I am talking rubbish but I implore you to keep reading and think. The four dimensions I mean include three axes of space and one axis of time. Because the world in which we live doesn't only allow us to move in space but also in time, although the motion in time is constrained and we can only move toward future but not toward past. Now let me ask, do you still think that I was talking rubbish. Although the topic is debatable but still now the obvious answer is not going to be obvious anymore to you. Next time if someone ask you the same question again, you will have to think longer before you will be answering. This type of thing doesn't only happen to us but as I said even the minds who try to see through these illusions fall for it and make blunders.

Let us take the example of one of the greatest scientific minds of all time, Albert Einstein. When he was formulating the equations describing how gravity functions in the universe, he added the term representing anti-gravity in these equations. What it did for him was that it stabilized the universe, it made the universe a static entity. He himself did not understand the term, but put it in because without it the equations would fail. . If one was to take out

that the universe is expanding, the universe which seem static to everyone before was not static anymore. Einstein realized that he did not need the term so he took out the term from the equations. In future, when scientists discovered that although the universe is expanding, the rate of expansion is not constant but rather continuously accelerating, they had to go back to the equations and put back the term to make the equations functional again. Einstein himself told that his greatest blunder was putting in that term, but now we know that in fact his greatest blunder was calling it his greatest blunder itself.

This is why we have to keep exploring, try to see through these illusions, although we will fail many times, but we still have to try to come out of these illusions. Many people complain and ask what is the point of studying and examining the space and its mysteries. This endeavor is waste of time and space. For them let me tell you an interesting story.

There was physicist Isidor Rabi, who had no interest in medicine. He was studying gas clouds in space, between stars, and how would one detect these glass clouds, if it was not radiating light. He found out that they give out radio waves and he figure out what type of radio waves they give out and why. In this way his understanding of nucleus of atom reached a new height. He discovered how nucleus of different atom can resonates slightly differently when exposed to same electromagnetic field. It helps us in distinguishing one heavy atom from another lighter atom. This phenomenon is called nuclear magnetic resonance. Then a medical technologist used this phenomenon to make a machine to distinguish one tissue from another, this machine is called magnetic resonance imager or simply MRI, the most potent tool in the arsenal of modern medicine. If the phenomenon of nuclear magnetic resonance was not discovered, there would be no MRI.

You can have more examples like how examples like how Einstein discovered stimulated emission of a radiation. Then the laser emitting machines was invented in 1950s, and I do not need to tell you the uses of lasers. Do you think that Einstein would have thought while writing the equations that it would be used for treating cataract in eyes using laser surgery. This is why we need to keep going forward on this path.

Although world is deceitful, it is also wonderful and intriguing because when we see through, when we understand these illusion it presents ideas, it help us in ways we cannot image.

## Country Rhodes, Take Me Home

PRITHA NANDI
(2nd year, CSE - IOT)

**DO SUBSTANCES COMPLEMENT EACH OTHER ONLY WHEN THEY ARE EXACT OPPOSITES OF EACH OTHER? OR ITS JUST ABOUT COMPLEMENTING EACH OTHER AND CREATING AN OBJECT OR ENTITY IN TOTALITY BY COMING TOGETHER?** 

THE ELEMENTARY SCHOOL MATHS BOOK SHOWED THAT WHEN AN ANGLE COMPLEMENTS ANOTHER IT WASN'T EXACTLY OPPOSITE OF THE FIRST ANGLE, BUT RATHER A SUB-CATEGORY TO GIVE COMPLETE MEANING TO THE PRECEDING PARENT CATEGORY. BUT NOW; THE SAME GIRL IS IN MIDDLE SCHOOL AND THE PHILOSOPHY CLASSES AT HER SCHOOL HAS LEFT HER UTTERLY CONFUSED BY TALKING ABOUT POLARITY OF ELEMENTS ABOUT YIN AND YANG, ABOUT CREATION AND CHAOS, AND EVERY OTHER COMBINATION WHERE THE FIRST ELEMENT IS ALWAYS TOTALLY OPPOSITE FROM THE SECOND ELEMENT.

THE FOURTEEN-YEAR-OLD GIRL STARES AT THE WATER DROPS CLASHING ON TO THE MARBLE FLOOR OF THE BATHROOM WHILE WATER DROPS TRY TO CHASTISE HER SOUL BUT END UP WITH VAIN ATTEMPTS OF BAPTIZING THE FLOOR THAT'S ALREADY CLEAN. THAT WAS ENOUGH.

ALL THAT WAS LEFT TO DO WAS TO THROW AWAY THE LOOFAHS AND SCRUBBERS FROM LUXURY STORES THAT WERE NEVER ENOUGH TO CLEANSE HER SOUL, AND TO PUT AWAY ALL THE EXPENSIVE BOTTLES OF "ESSENTIAL OILS" THAT WERE NEVER ABLE TO LIVE UP TO THEIR REPUTATION OF BEING ESSENTIAL. SHE DRIED HERSELF UP, PULLED OUT HER DAD'S VINTAGE CAR AND DROVE TO THE UGLIEST BEACH OF RHODE JSLAND BECAUSE UGLINESS IS BETTER THAN HAZINESS OF THE SAND CRYSTALS OF THE NEURONS IN HER BRAIN.

THAT UGLY BEACH HAD ITS UNCONVENTIONAL CHARM WITH UGLY SEAWEED EVERYWHERE, REBELLIOUS WINDS, COARSE SAND. SHE SAT DOWN THERE, FOR A BRIEF MOMENT, AND THEN, THOSE DIRTY SAND CRYSTALS ACTED LIKE PRISMS OF CLARITY. IN THOSE NANOSECONDS, THAT ONE SHOT OF THE UGLY BEACH WITH ALL THE BEACH COMPONENTS OF DIRTY CLAMS AND OYSTERS, UNRULY SEAWEED, ROUGH SAND, UNCLEAR WATER HUES, EVERYTHING STARTED TO MAKE SENSE. SOMEHOW THEY WERE NOT POLAR OPPOSITES OF EACH OTHER, GIVEN THE COMMON FACTOR OF UNKEMPT APPEARANCE. BUT STILL, THEY WERE IN PERFECT SYNC, AND CREATED THE BEST SUNSET SCENARIOS SHE EVER SAW, AND LETS NOT FORGET THAT SHE WAS A PROPER BEACH GIRL FROM A RICH FAMILY THAT WAS LIVING IN RHODE ISLAND FOR GENERATIONS.

And so when she thinks something is "the best", it definitely was "cream of the creams" without any doubt.

THE 300 SHADES OF RED IN THAT PRETTY SUNSET OF AN UGLY BEACH MADE HER REALIZE THAT 'COMPLEMENTS' ARE WHATEVER YOU IMAGINE THEM TO BE, AND THE ONLY CRITERIA REQUIRED IS UNDERSTANDING OF EACH OTHER'S LANGUAGES, AND SYNC AND COOPERATION.

ALL THEY NEED TO DO IS UNDERSTAND EACH OTHER'S DIALECTS, AND CREATE SYMPHONICALLY PLEASANT PITTER-PATTER SOUND PATTERNS, LIKE STUPID RAINDROPS WHO NEITHER HAVE EYES, NOR EARS BUT A DUMB FRAGILE BODY OF A WATER BUBBLE WHICH BREAKS INTO A BILLION PIECES AS SOON AS IT TOUCHES MOTHER BARTH. THE SAME MOTHER BARTH WHERE SCHOOL TEXTBOOKS PUT HER IN CONSTANT CONFUSION.

## That Blue Bress

He loves football.

I shamefully knew nothing about football. So I went online and read every excerpt Icould find on the internet.

I didn't even miss a single match of football after knowing his sports fondness.

One day he was talking about how big a fan he was of Led Zeppelin and how crazy he could be, to even have a glance of Jimmy Page's guitar.

,I being total unlettered didn't even have any idea of who was Led Zeppelin, surfed the Internet and then came to know that it is a famous Rock Band and he liked heavy metal music.

I then bought nearly all the casette tapes I could get of Led Zeppelin so as to understand him a little more. I even bought a guitar and started learning chords so as to make him smile. I nearly wore all blue-colored dresses as he said he liked me in that blue color dress and that, I looked beautiful in blue;

So I hankered to buy blue outfits more and more. I painted my room blue, I changed my bedsheet to blue, I replaced my toothbrush to blue, now even my favorite drink was blue lagoon.

I remember that day he said, he would call me but he did'nt. He was online, but my text was not seen. After waiting continously for an hour or two, with a lot of hope Iasked him whether he was busy with something. He said he was playing DOTA 2 with his friends. I again shamefully knowing nothing about esports, started surfing the internet about the game and asked few of my friends to teach me as well. Maybe, if I could play esport he would have some time for me then?

You know, when you are in love you want to give your everything to make them stay and completely change yourself to an unknown person to be on par with their interests, so as to become the hyperfixation of their heart.?

There were days when he desperately wanted me, there were days when he couldn't even recall

me. Iwas there calming my own heartbreak when he was talking about how he still liked her and she did'nt and there Iwas trynna fix his broken heart. Some days he used to only talk

about her and if next day I asked about it, he ignored it and said how he admired my beauty. I again fell for his words.

You know, words are deceitful! I always felt it was. He was always there with me when he felt

lonely, when he felt Icould give suggestions to him. One day he was sorry for ignoring me and the next day, he again ignored me. I-didn't know which one to trust. Day

went on, I cried a lot;

I finally said that day, maybe we wouldn't work out long term; to which he replied "Ya! we always had different interests." Different interests? Did you even know about any of my interests? I say, indifference.

I asked him," what do u mean by love?" to which he replied "that's an impossible question to answer."

I answered it to myself,

"Love! is not a choice. You don't choose to love when you feel lonely. You don't choose to love someone to make you happy or that you couldn't function without that person. You just fall in love with that someone, because when they are around, good things get better, and bad things just seems a little less worse with that person.

You can't help but just want to be by their side always. You don't choose to love. Love happens, and it changes you, completely, inside and out, because, love makes you change to be a more

fragile person, a lovable person, a sensitive person and much more soft than you ever thought you'd be. You don't choose love to happen.

You just fall for it. It happens."

I realised, I Never really liked heavy metal. I realized, my favorite colour was never blue actually; it was.. I guess purple!. I realized, I prefered outdoor games to indoor. I realized, I was forgetting myself little by little.

Years went by, today all of a sudden I got your message in my chatbox. I Knew what you wanted; but Iwas gone, years ago.

I felt pity to see you this time; but trust me I don't regret to have crossed paths with you, because after meeting you, Irealized Inever knew myself.

Am happy now.

Alone, lonely, I do cry at times too now, but am not the same me anymore. Am well acquainted with this emotion now. So, am thankful actually to have met you. And, maybe that's a part of growing up you know. The days were beautiful, the feelings felt were heavenly, and if life was an ostinato, I would've played those memories on repeat, for all eternity, to feel the same way I felt before; To get back the same me I was before;

but alas! we are growing up now. You know, as time passes things don't get changed; but our priorities do, our expectations do. And when we get hurt by that one person who mean so much

to us, then we try to distance ourselves from that person, as we know we can again make the same mistakes we did that time.

Several thoughts kept crossing my mind. Feeling heavy, I decided to go for a walk. I opened my wardrobe to fetch something to wear, and unknowingly my hands laid on that blue dress

~ Parimita Sarkar (IEM, BCA 3rd year)



### The Light

Following the light that set alight my path,

I have come along a thousand miles.

Chasing the brightness has led me to noir,

The Journey calls for courage and smile.

In the cold light of yesterday,

I recalled it has been a while,

Since we met 'Oh Joyful day'.

Nostalgia whispered with a soft smile,

as 'It seems you chose the wrong way'.

~ Sumit Kumar Das (Section-G, Roll-54, 1st Year, Stream- IOTCSBT)

## The Soul

of the polytope of the polytope

A twilight fair but I see haze,
This one for me I think not so.
It seems so dull and out of glaze,
One more day I think would do.

If I could I would I feel,
Touch the hearts I failed to heal.
Set some hatred deep ablaze and,
Let them know I'm finally free.

~ Sumit Kumar Das

(Section-G, Roll-54, 1st Year, Stream-IOTCSBT)

STORY STORY

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Chasing thy steps I've trod along several miles,
In the arid world with charm so vague,

Your presence take after the perennial Nile.

With hopes fragile and future opaque,

In the mountains, valleys, hills and isle.

I choose to dare to live and make, For Being despair is not thy style.

~ Sumit Kumar Das

(Section-G, Roll-54, 1st Year, Stream-IOTCSBT)

### Nostalgic Breeze

In the whisper of a nostalgic breeze,

Memories run down and time does freeze.

A fragrance that lingers a sweet reprise, Echoes of laughter under clear skies.

Gentle winds carry moments with ease,

Though time has passed, its traces appease.

~ Sumit Kumar Das

(Section-G, Roll-54, 1st Year, Stream-IOTCSBT)



## Twilight

Twilight sun has faded into the dark, It's time for the moon to embark. When Eyes shut down to a relieving sleep, Weary of the ugly harp, I wake up into an alluring realm, which has the Sight to which I'm akin, A sight bizaree and fake for sure, Where Spirits linger, alive in coffin.

> ~ Sumit Kumar Das (Section-G, Roll-54, 1st Year, Stream-IOTCSBT)



## Lovely Days

Though you've passed long back,
In the canvas of mind you always
stay.

In leisurely hours you often flash back,

Your feelings illuminate my faded pathways.

~ Sumit Kumar Das

(Section-G, Roll-54, 1st Year, Stream-IOTCSBT)



Etched in the pages fair,
The very essence of life.
Lowly like the silent stair,
But sharper than a knife.
They live with you throughout
the life,
In realm of wisdom, where
thoughts take flight.

~ Sumit Kumar Das (Section-G, Roll-54, 1st Year, Stream-IOTCSBT



#### **Let Them Glow**

Time so passed won't ever return,

Don't Just let them go.

These moments take after fireflies,

Before they pass let them Glow.

~ Sumit Kumar Das

(Section-G, Roll-54, 1st Year, Stream-IOTCSBT)

# IEM CREATIONS | 2023

## POLITICS

An Almighty is claimed, Sometimes even blamed, For the deeds of shame, My friend, that is the game.

An object dead, an item bread, A bottle of life, a blood-shed. All of this, is ready for sale, All of this, is ready to tale.

Where infants cry,
and fruits be dry
Where deserved ones try, Where
lucky ones buy.

Where respect kneels,
Where charm heels,
Where feels bend,
Where reels trend.

Where talent is ciphered, Politics de-ciphered,
That is the place,
That is the land,
Where this tale begins,
Where it all began.

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~ Shashwat Satya (Course: B.Tech, Branch: IT, Year: 2nd)

#### **A Thousand Knives**



Our lives are so different,
Yours is like a garden full of beautiful dahlias,
Mine is the burned forest after fire.
It feels like a thousand knives in my heart,
There's so much pain,
I locked myself up in my room,
Hoping for an angel to come,
To give my life meaning,
But that is not happening.
The wounds of my heart become unbearable,
hen, like sunshine on a gloomy day, she appears

The wounds of my heart become unbearable,
Then, like sunshine on a gloomy day, she appears.
I wonder, what in the world, a tragedy I am.
Perhaps in the next life, though it doesn't exist,

She said, "Never got the thing, fated to be mine."

Love is enough to be together forever.

Tell me how many times you needed me, When I couldn't be there.

She held my face and planted her lips on my forehead, Then I woke up and screamed.

> I want to close my eyes and feel it all again, Because I can find no peace

> > ~ Soulstir

#### Life at a glance!



Why no balance between joy n sorrow
Why mind flies as a confused sparrow
With a great effort it makes a nest
But very soon forgets what step is next
There we need wisdom n will power
Then mind plans a glorious shower

How life can be so magnificent

If we are happy with what is self sufficient

And intellectually so independent

Any moment brings entertainment

Above all if we remain magnanimous

Lo! life with us can be extremely generous!

#### ECHO OF FADED GREENERY



Gazing at the serenity of dense woodland

And the scenic beauty of meadows

Makes my solitude time a peaceful escape

The welcome retreat from the wind-stricken trees

Paints the diversity of nature with golden hues

The blissful kiss of the sun stooped on the bloomed flowers

Exposing the delicate petals that added

A touch of elegance to the ethereal beauty

Cascaded sunshine over the vast grasslands

Breathed life into an open expanse

Illuminating a mix of shadows and light

Beneath those oak trees, the melidious voices of birds

Paving a room for harmony between mind, body and spirit

Combined with the flavours of charisma and warm tones

Unfolding the hidden VIBGYOR of life adorned with an array of colors

Creating a stunning blend of hope and joy

The essence of rains bathing the mist-covered hills

Orchestrates a soothing melody, etching a subtle harmony

Whispered a rhythmic echo through the rocky slopes and valleys

Which resonates an eternal bond of interconnectedness

Enlightening the sacred heart of our Mother Earth

With an aura of positivity and ecstasy

By happenstance an infallible advent of time

Silently creeped through the verge of this secret beauty

Haunts the untouched grandeur of the mountains and lush green meadows

Nearing it's symphony into the dark reality of sole extinction

Eroding the lustre of our nature which once thrived with peace and harmony

Our sacred beauty of nature approaching towards an inevitible doom

In a kaleidoscope of vibrant colors, the delicate fragrance

Losing it's scent emanating a stinky foul smell

Instigates a negative influence that permeates through the edge of spiritual euphony

A sense of abandonment scarred from barren grasslands to desolate gardens

All reckoned a morose resonace like an impromtu vigil

Overshadowing the precious god gifted elements in a dark pit of melancholy



たかというなのか という

O' those dying plants with mournful eyes

Staring at me through the tangle of bushes

Seems as if an unexpected frost dwelled upon their vegetative

thrive

And their drooping down signals an arrival of death

The once thriving garden slowly turning into a deathbed of plants

~ Vishwaroop Sur (1st year, Mechanical)





আমার প্রিয় সেই ছোট্টবেলা, পড়াশোনা অল্পস্বল্প, বেশী টাই ছিলো খেলা । কোথাও যেনো হারিয়ে গেলো ক্রিকেট, ফুটবল, কানা-মাছি যখন এলো ক্রিকেট চ্যাম্পয়নিশপ, ফিফা সকার, পাবজি।

মাঠে বসে বন্ধুদের সাথে আড্ডা গুলো সব শেষ, স্যোশাল নেটওয়ার্কিং সাইেটর ভিড়ে ব্যস্ত আমরা, আহা বেশ বেশ। অভ্যেস ছিলো পাতার পর পর পাতা নোটস লেখার, পিডিএফ হয়ে চলে এলো, এটাই ছিলো বাকি দেখার।

বাড়িতে খাবার নিয়ে আনে বাবা আর মা নয়, আসে যে অনলাইনে অর্ডার দেওয়া ডেলিভারী বয়। সেইসব ফিরে পাবো না জেনেও বেঁচে আছি আশায়, এই শহর নিজেকে অভ্যস্ত কের নিয়েছে নতুনত্বের ছোয়ায়।

~ রূপায়ণ দত্ত

#### कोई है क्या?



सुनसान छतों का पता तुम्हे राज़ है क्या? बच्चों की मीठी शोर की अब आवाज़ है क्या?

सब मशीनों से जुड़ते, उनसे बनते जा रहें हैं, इस बस्ती में बचा कोई इंसान है क्या?

अब हम करें भी तो क्या, समझाये भी तो किसे? यहाँ समझने वाला कोई समझदार है क्या?

> किसे पता नहीं कि व्यर्थ हो रहा यह अनमोल जीवन? इसे अपनी ज़िम्मेदारी समझने वाला कोई ज़िम्मेदार है क्या?

इस बस्ती में बचा अब कोई इंसान है क्या?

— Shashwat Satya (2nd year, IT)



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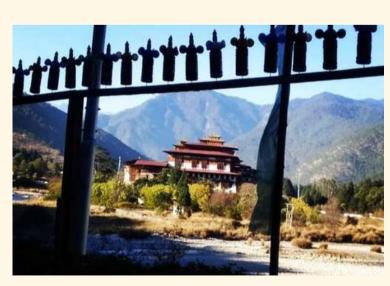


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Kingshuk Ghosh 3rd



Abhirup Halder 1st BCA



Kaushitaki Ghosh 1st year CSE



Ankita Chakraborty
2nd CSE



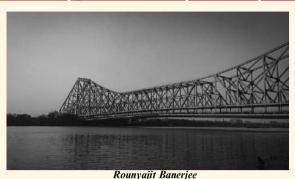
Arkadyuti Ghosh 2nd BCA



Ankita Chakraborty
2nd CSE



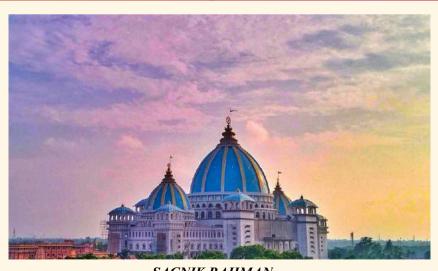
Kaushitaki Ghosh 1st year CSE



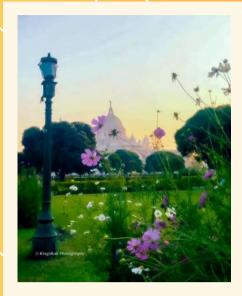
Rounyajit Banerjee 1st BBA



Rounyajit Banerjee 1st BBA



SAGNIK RAHMAN 2nd CSE



Kingshuk Ghosh 3rd BCA



Ipsita Dutta 2nd IT



Kaushitaki Ghosh 1st year CSE



Jaitosri Bhowmik 1st CSE



Ankita Chakraborty
2nd CSE



Anshu Shaw 2nd CSE



Anshu Shaw 2nd CSE



Anshu Shaw 2nd CSE



Aishika Pal 3rd CSE



Sagnik Rahman 2nd CSE



Sayan Chowdhury 3rd ECE



Sayantan Nag 4th ECE



Sayan Karmakar 4th ME



Sayantan Nag 4th ECE



Susmit Sarkar 2nd BBA



Swadesh Mondal 1st IT



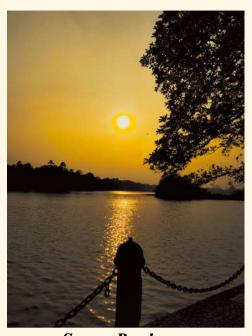
Susmit Sarkar 2nd BBA



Swadesh Mondal 1st IT



Sayan Karmakar 4th ME



Sourav Pandey
2nd ECE



Subham Saha 1st BCA



Sourav Pandey 2nd ECE





## CULTURAL CHRONICLES









PARTHIB GHOSH\_1ST\_BCA

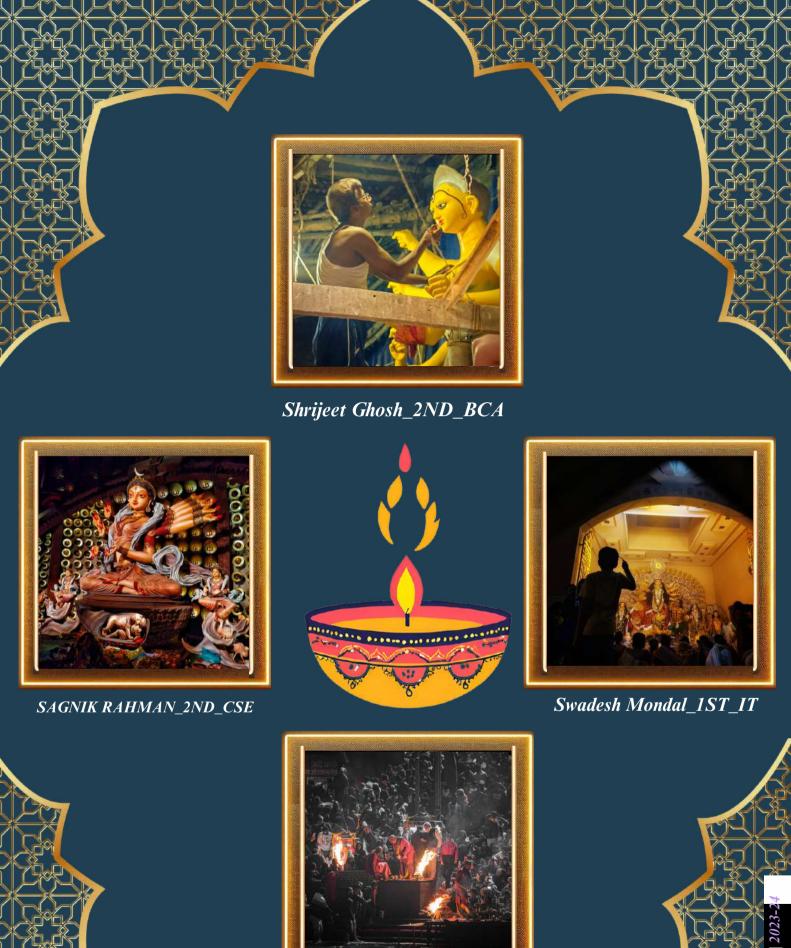


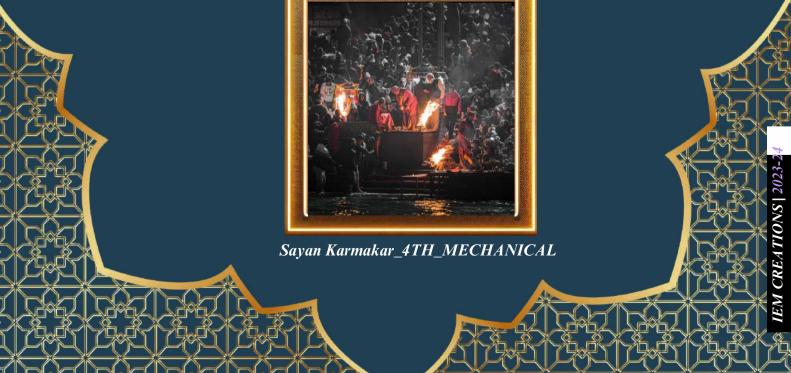


Abhirup Halder\_1st year\_ BCA



Nibedito
Mandal\_2ND\_BCA











Soumyadip Da 2ND (ECE)



Susmit Sarkar
2ND(BBA)



Mainak Pal
1ST CSE(AIML







SUBHADIP LAYEK 2ND YEAR EEE



SUBHADIP LAYEK 2ND YEAR EEE



IPSITA DUTTA 2ND YEAR IT



SUBHADIP LAYEK 2ND YEAR EEE





Samrat Mondal 2nd year CSBS



Prateek Sinha 1st year CSE(AI)



Tanushree Mandal 1st year CSE(10T)



Jisha Das Ist year BBA



SHUBHAYAN SAHA 4TH YEAR ECE



SOURAV PANDEY 2ND YEAR ECE



JAYA BHUKTA IST YEAR BCA



DAYITA SAMANTA IST YEAR CSEAI



Shubhayan Saha 4th year ECE



Sujay Saha 3rd year



Mohini Ghosh 2nd year I.T.



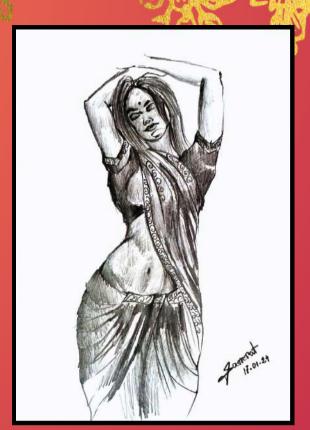
Prateek Sinha Ist year CSE(AI)



Anshika Pal 3rd year CSE



TITAS ROY 3RD YEAR ECE



SAMRAT MONDAL 2ND YEAR CSBS



ZARAH FATIMA IST YEAR CSE AIML



SUJAY SAHA 3RD YEAR ECE





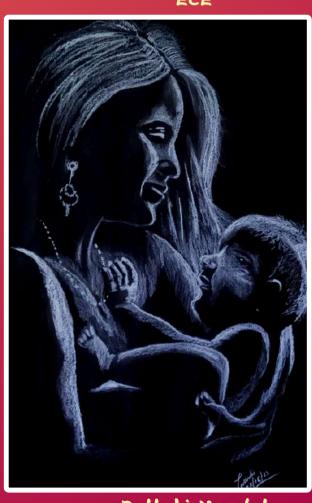
Pallabi Mondal Ist year BCA



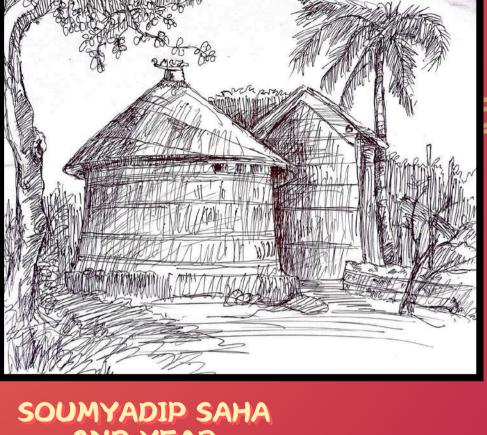
Jaitosri Bhowmik Ist year CSE



Ankita Haldar 4th year ECE



Pallabi Mondal Ist year BCA



SOUMYADIP SAHA 2ND YEAR I.T



**IEM CREATIONS** 

## A GALLERY OF EMOTIONS

























































































































































































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